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A BIBLIOGRAPHY

OF

INDIAN GEOLOGY AND PHYSICAL GEOGRAPHY

WITH

AN ANNOTATED INDEX

OF

MINERALS OF ECONOMIC VALUE

COMPILED BY T. H. D. LA TOUCHE, M.A., F.G.S., *Fellow of the Asiatic Society of Bengal.*

38510

Published by order of the Government of India.

CALCUTTA:
SOLD AT THE OFFICE OF THE GEOLOGICAL SURVEY OF INDIA,
27, CHOWRINGHEE ROAD.
LONDON: MESSRS. KEGAN PAUL, TRENCH, TRÜBNER & CO.

1917

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PART I.—A BIBLIOGRAPHY

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INDIAN GEOLOGY AND PHYSICAL GEOGRAPHY

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PREFACE.

ABOUT the year 1901, when I was engaged on field work in Burma, and there seemed to be a prospect of my being permanently transferred to that Province, I compiled for my own use a list of all papers relating to the geology and mineral resources of Burma, accompanied by abstracts of the matter contained in each of them, and found that the labour expended in its preparation was fully repaid by the ready accessibility of the information thus condensed.

Some time after my retirement from India in 1911, the Director of the Geological Survey, Mr. Hayden, suggested that a work on the same lines, but dealing with the whole of India, would be useful, and asked me to undertake it; at the same time obtaining the sanction of the Government of India to its publication when complete. It was recognised, however, that if every branch of the subject were included in the notes, as I attempted in the case of Burma, the work would entail an enormous expenditure of time, and would be too bulky for ease of reference, especially by those who are concerned with the geology only in so far as it relates to the development of the mineral wealth of the country; though a subject-index to the voluminous literature on Indian geology and physical geography has long been needed. While the Bibliography, therefore, includes not only publications dealing with geology and the sciences intimately connected with it, but also with physical geography, topography, and in some instances with botany and travel,—where these contain information that may be of use to the geologist,—the notes which form the second portion of the present work are concerned only with the minerals of economic value.

In the compilation of the first portion of the work I have had the great advantage of being able to make use of Mr. R. D. Oldham's very complete Bibliography, presented to the Geological Survey of India in the year 1888. The additions that I have been able to make, so far as matter published before that date is concerned, are neither numerous nor perhaps of great importance. Their inclusion in most cases is due to the smaller size of the mesh which I have used,—since I have inserted references to a large number of abstracts and reviews, which may be found useful by those to whom the original papers are not accessible,—and to the wider area over which my net has been cast, as compared with that so diligently exploited by Mr. Oldham. He was restricted to the two scientific Libraries then in existence in Calcutta,

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that of the Geological Survey and that of the Asiatic Society of Bengal. Whereas it has been my privilege to have had free access to the Cambridge University Library, to those of the Geological Society of London, the India Office, the British Museum, the Imperial Institute, the Science Museum, the Royal Geographical Society and the Institution of Civil Engineers. To the Librarians of these Institutions I offer my grateful acknowledgments for the facilities afforded to me in carrying out my task. Owing to these advantages I have been able, with very few exceptions, to verify the references personally, and to consult the original publications for the purpose of making the abstracts comprised in the second part of the work.

The arrangement of the matter contained in the Bibliography is similar to that of Mr. Oldham's work, with a few unimportant modifications. Thus I have collected anonymous contributions under one heading, and have classified them according to the subjects concerned; but in order to avoid making this heading inordinately large, I have omitted those anonymous references to thermal springs and earthquakes which are included in the catalogues compiled by Dr. T. Oldham, and edited by Mr. R. D. Oldham in the year 1883 (*Memoirs, Geological Survey of India*, Vol. XIX, Pts. 2 and 3). Papers of joint authorship are indexed under the name first appearing in the title, and are indicated by cross-references under the names of the joint authors. Cross-references have also been inserted in cases where an observer is mentioned by name in the title of a publication. In order to facilitate cross-reference from the second part of the work to the Bibliography, each author is furnished with a serial number, printed in heavy type, under which his papers, if more than one, are numbered in chronological order.

Square brackets indicate that it has been necessary to supply or to amplify the title of a communication; while words in round brackets form part of the original title.

As in Mr. Oldham's work, references to geology and economic minerals contained in administration reports, district handbooks, and the like, are omitted, when they are written by persons not possessing a practical acquaintance with the subject.

The labour and time expended on the correction of the proofs have been greatly increased by the delays involved in communicating with a Press six thousand miles away. I feel much indebted to the Superintendent of the Government Printing Office in Calcutta for the patience and care exercised with regard to the numerous corrections and interpolations which were found to be necessary as the work was passing through the press. The risks attending the transmission of the proofs

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through a region exposed to the attacks of hostile vessels have not been without their effect; for some two-thirds of the first proofs were lost, after revision and correction, in the ill-fated "Maloja." Fortunately, a duplicate copy of these proofs had been kept, or the loss would have been almost irreparable; for they contained a large amount of new matter, bringing the work down to the latest possible date. Under the circumstances, it would be surprising if some errors and omissions had not crept into the text, and I trust that any faults of this nature that may be detected will be leniently dealt with.

In conclusion, I must express my special obligation to Mr. J. B. Scrivenor, State Geologist, Federated Malay States, for a list of papers on the geology of the Malay Peninsula; to the State Geologists, Travancore, Messrs. Chacko and Masillamani, for copies of their reports; to Dr. W. F. Smeeth, Director of the Geological Department, Mysore; and to those of my former colleagues on the Geological Survey of India who have supplied me with information regarding papers contributed by them to publications other than those issued by that Department or well known scientific serials.

T. H. D. LaTOUCHE.

Cambridge, 1916.

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LIST OF ABBREVIATED TITLES.

A

Abhandl. k.-bayer. Akad. Wiss.—Abhandlungen der mathematisch-physikalischen Classe der königlich-bayerischen Akademie der Wissenschaften. 4°, Munich, 1832——

Abhandl. k.-k. geogr. Ges.—Abhandlungen der kaiserlich-königlichen geographischen Gesellschaft in Wien. 4°, Wien, 1899——

Abhandl. k.-preuss. Akad. Wiss.—Abhandlungen der mathematischen Klasse der königlich-preussischen Akademie der Wissenschaften. 4°, Berlin, 1815——

Abhandl. nat. Ges. Nürnb.—Abhandlungen der naturhistorischen Gesellschaft zu Nürnberg. 8°, Nürnberg, 1858——

Abhandl. naturw. Ges. Isis.—Abhandlungen der naturwissenschaftlichen Gesellschaft Isis in Dresden. 8°, Dresden, 1891——

Agric. Journ. India.—The Agricultural Journal of India. 4°, Calcutta, 1906——

Agric. Ledger.—The Agricultural Ledger, edited by the Reporter on Economic Products to the Government of India. 8°, Calcutta, 1892——

Alex. E. I. Mag.—Alexander's East India Magazine and Colonial and Commercial Journal. 8°, London, 1830—1842.

Alp. Journ.—The Alpine Journal: a Record of Mountain Adventure and Scientific Observation by Members of the Alpine Club. 8°, London, 1863——

Amer. Geol.—The American Geologist; a Monthly Journal of Geology and Allied Sciences. 8°, Minneapolis, Minn., 1888—1905.

Amer. Journ. Sci.—The American Journal of Science and Arts (Silliman's Journal). 8°, Newhaven, 1818——

NATIONAL ARCHIVES OF INDIA

Ann. Chim.—Annales de Chimie ; ou Recueil de Mémoires concernent la Chimie et les Arts qui en dépendent. 8°, Paris, 1789—1815.

Ann. Chim. Phys.—Annales de Chimie et de Physique. 8°, Paris 1816——

Ann. Club Alp. franc.—Annuaire du Club Alpine français. 8°, Paris, 1874—1903.

Ann. de Géogr.—Annales de Géographie. 8°, Paris, 1892——

Ann. des Mines.—Annales des Mines ; ou Recueil de Mémoires sur l'exploitation des Mines, et sur les Sciences qui s'y rapportent. 8°, Paris, 1816——

Ann. du Mus.—Annales du Muséum National d'Histoire Naturelle. 4°, Paris, 1802—1813.

Ann. gén. Sci. Phys.—Annales générales des Sciences Physiques. 8°, Bruxelles, 1819—1821.

Ann. Géol. Univ.—Annuaire géologique universel et Guide du Géologie autour de la Terre. 8°, Paris, 1885—1893.

Ann. k.-k. Nat. Hofmus.—Annalen der kaiserlich-königlichen naturhistorischen Hofmuseums. 8°, Wien, 1886——

Ann. Mag. Nat. Hist.—Annals of Natural History ; or, Magazine of Zoology, Botany, and Geology. 8°, London, 1838——

Ann. Philos.—Annals of Philosophy ; or, Magazine of Chemistry, Mechanics, Natural History, Agriculture, and the Arts. 8°, London, 1813—1826.

Ann. Sci. Nat.—Annales des Sciences Naturelles, comprenant la Zoologie, la Botanique, l'Anatomie, et la Physiologie comparées des deux Régnes, et l'Histoire des corps organisés fossiles. 8°, Paris, 1824——

Ann. Sci. phys. nat. Lyon.—Annales des Sciences physiques et naturelles, d'Agriculture, et d'Industrie. 8°, Lyon et Paris, 1838——

Ann. Storia Nat.—Annali di Storia Naturale. 8°, Bologna, 1829—1830.

NATIONAL ARCHIVES OF INDIA

Anz. k. Akad. Wiss.—Anzeiger der kaiserlichen Akademie der Wissenschaften. Mathematisch-naturwissenschaftliche Classe. 8°, Wien, 1864——

Anz. Akad. Wiss. Krakau.—Anzeiger der Akademie der Wissenschaften in Krakau. Mathematisch-naturwissenschaftliche Klasse. 8° Cracovie, 1901——

As. Ann. Reg.—The Asiatic Annual Register; or a view of the History of Hindustan, and of the Politics, Commerce, and Literature of Asia. 8°, London, 1800—1811.

As. Journ.—The Asiatic Journal and Monthly Register for British India and its Dependencies. 8°, London, 1816—1845.

As. Quart. Rev.—The Asiatic Quarterly Review. 8°, London, 1886——

As. Res.—Asiatick Researches; or, Transactions of the Society, instituted in Bengal, for inquiring into the History and Antiquities, the Arts, Sciences, and Literature of Asia. 4°, Calcutta, 1788—1836.

Atti R. Acc. Lincei, Rendic.—Atti della Reale Accademia dei Lincei, Rendiconti. 8°, Roma, 1873——

Atti R. Accad. Sci. Torino.—Atti della Reale Accademia delle Scienze di Torino. 8°, Torino, 1866——

Atti Soc. Tosc. Sci. Nat.—Atti della Società Toscana di Scienze Naturali residente in Pisa. 8°, Pisa, 1875——

B

Beitr. z. Geophys.—Beiträge zur Geophysik; Zeitschrift für physikalische Erdkunde. 8°, Leipzig, 1887——

Beitr. z. Pal. Oesterr.-Ungarns u. des Orients.—Beiträge zur Paläontologie und Geologie Oesterreich-Ungarns und des Orients. 4°, Wien, 1882——

Ber. deutsch. chem. Ges.—Berichte der deutschen chemischen Gesellschaft zu Berlin. 8°, Berlin, 1868——

NATIONAL ARCHIVES OF INDIA

Ber. senckenb. naturf. Ges.—Bericht der senckenbergischen naturforschenden Gesellschaft in Frankfurt a. M. 8°, Frankfurt am Maine, 1871——

Bibl. Brit.—Bibliothèque Britannique; ou Recueil. Extrait des Ouvrages periodiques et autres; des Mémoires et Transactions des Sociétés et Académies de la Grande Bretagne, d'Asie, d'Afrique. et d'Amerique. 8°, Genève, 1796—1815.

Bibl. Univ.—Bibliothèque Universelle des Sciences, Belles-Lettres, et Arts; faisant suite à la Bibliothèque Britannique. 8°, Genève, 1816—1874.

Boll. Soc. Geogr. Ital.—Bollettino della Società Geographica Italiana. 8°, Firenze, 1868——

Boll. Soc. Geol. Ital.—Bollettino della Società Geologica Italiana. 8°, Roma, 1882——

Boll. Soc. Sism. Ital.—Bollettino della Società Sismologica Italiana. 8°, Modena e Roma, 1895——

Bombay.—Articles on the Geology of Portions of the Bombay Presidency, written for the Bombay Gazetteer. 8°, Bombay, 1878.

Bull. Acad. Imp. Sci. St. Petersb.—Bulletin de l'Académie Impériale des Sciences de St. Petersburg. 4°, Petrograd, 1835——

Bull. Agric. Res. Inst.—Bulletins issued by the Agricultural Research Institute, Pusa. 8°, Calcutta, 1904——

Bull. Amer Geogr. Soc.—Bulletin of the American Geographical and Statistical Society. 8°, New York, 1852——

Bull. Imp. Earthq. Inv. Comm.—Bulletin of the Imperial Earthquake Investigation Committee. 8°, Tokyo, 1907——

Bull. Imp. Inst.—Bulletin of the Imperial Institute. 8°, London, 1903——

Bull. Ind. Assoc.—Bulletin of the Indian Association for the Cultivation of Science. 8°, Calcutta, 1909——

NATIONAL ARCHIVES OF INDIA

Bull. Mad. Govt. Mus.—Bulletin of the Madras Government Museum. 8°, Madras, 1894—1903.

Bull. Mysore Geol. Dep.—Bulletin of the Mysore Geological Department. 8°, Bangalore, 1904——

Bull. Soc. belge Géol.—Bulletin de la Société belge de Géologie, de Paléontologie, et d'Hydrologie. 8°, Bruxelles, 1887——

Bull. Soc. franc. Min.—Bulletin de la Société française de Minéralogie. 8°, Paris, 1878——

Bull. Soc. fribourg. Sci. Nat.—Bulletin de la Société fribourgeoise des Sciences Naturelles. 8°, Fribourg, 1887——

Bull. Soc. Géogr.—Bulletin de la Société de Géographie. 8°, Paris, 1822—1899.

Bull. Soc. Géol. France.—Bulletin de la Société Géologique de France. 8°, Paris, 1831——

Bull. Soc. hongr. de Géogr.—Földrajzi Közlemények. Bulletin de la Société hongroise de Géographie. 8°, Budapest, 1873——

Bull. Soc. Philomatique.—Bulletin des Sciences par la Société Philomatique de Paris. 4°, Paris, 1807—1826.

Burma.—Papers on the Geology and Minerals of British Burmah, reprinted by order of C. E. Bernard, C.S.I., Chief Commissioner. 8°, Calcutta, 1882.

C

Cal. Ann. Reg.—The Calcutta Annual Register. 8°, Calcutta, 1823.

Cal. Journ. Nat. Hist.—The Calcutta Journal of Natural History. 8°, Calcutta, 1841—1848.

Cal. Review.—The Calcutta Review. 8°, Calcutta, 1844——

Carnegie Inst.—Publications of the Carnegie Institution of Washington. 8°, 1903——

NATIONAL ARCHIVES OF INDIA

Centralbl.—Centralblatt für Mineralogie, Geologie, und Palaeontologie. 8°, Stuttgart, 1900——

Chem. News.—The Chemical News; a Journal of Practical Chemistry in all its applications to Pharmacy, Arts, and Manufactures. 4°, London, 1860——

Ciel et Terre.—Revue populaire d'Astronomie, de Météorologie, et de Physique du Globe. 8°, Bruxelles, 1881——

Coal Com. Rep.—Reports and Abstracts of the Proceedings of a Committee for the Investigation of the Coal and Mineral Resources of India. Fol., Calcutta, 1838—1846.

Coll. Guard.—The Colliery Guardian. Fol., London, 1860——

C. R. Ac. Sci.—Comptes Rendus hebdomadaires des Séances de l'Académie des Sciences. 4°, Paris, 1835——

D

Denkschr. k. Akad. Wiss.—Denkschriften der kaiserlichen Akademie der Wissenschaften. Mathematisch-naturwissenschaftliche Classe. 4°, Wien, 1850——

E

Econ. Geol.—Economic Geology; with which is incorporated the American Geologist. 8°, Lancaster, Pa., 1905——

Edin. Journ. Sci.—The Edinburgh Journal of Science; exhibiting a View of the Progress of Discovery in Natural Philosophy, Chemistry, Mineralogy, Geology, Botany, Zoology, Comparative Anatomy, Practical Mechanics, Geography, Navigation, Statistics, Antiquities, and the Fine and Useful Arts. 8°, Edinburgh and London, 1824—1832.

Edin. N. Phil. Journ.—The Edinburgh New Philosophical Journal; exhibiting a View of the Progressive Improvements and Discoveries in the Sciences and the Arts. 8°, Edinburgh and London, 1826—1864.

NATIONAL ARCHIVES OF INDIA

Edin. Phil. Journ.—The Edinburgh Philosophical Journal; exhibiting a View of the Progress of Discovery in Natural Philosophy, Chemistry, Natural History, Practical Mechanics, Geography, Statistics, and the Fine and Useful Arts. 8°, Edinburgh, 1819—1826.

Edin. Review.—The Edinburgh Review, or Critical Journal. 8°, Edinburgh, 1802——

Edinb. Trans.—Transactions of the Royal Society of Edinburgh. 4°, Edinburgh, 1783——

Eng. Min. Journ.—The Engineering and Mining Journal. 4°, New York, 1864——

F

Flora.—Flora, oder allgemeine botanische Zeitung, herausgegeben von der königl.-bayerischen botanischen Gesellschaft zu Regensburg. 8°, Regensburg, 1818——

Földt. Közl.—*Földtani Közlöny* (Geologische Mittheilungen). Zeitschrift der ungarischen geologischen Gesellschaft. 8°, Budapest, 1871——

Froriep's Notizen.—Notizen aus dem Gebiete der Natur-und Heilkunde gesammelt und mitgetheilt von Ludwig Friedrich von Froriep. 4°, Erfurt, 1821——

G

Gen. Rep. G. S. I.—General Reports of the work carried on by the Geological Survey of India for the years 1898 to 1903. 8°, Calcutta, 1899—1903.

Geogr. Mag.—The Geographical Magazine, edited by Clements R. Markham, C.B., F.R.S. 4°, London, 1874—1878.

Geogr. Journ.—The Geographical Journal; including the Proceedings of the Royal Geographical Society. 8°, London, 1893——

Geol. Centralbl.—Geologisches Centralblatt; Anzeiger für Geologie, Palaeontologie, und verwandte Wissenschaften. 8°, Leipzig, 1901——

NATIONAL ARCHIVES OF INDIA

Geol. Mag.—The Geological Magazine; a Monthly Journal of Geology: with which is incorporated "The Geologist." 8°, London, 1864——

Geologist.—The Geologist; a popular Monthly Magazine of Geology. 8°, London, 1858—1864.

Geol. Rundschau.—Geologische Rundschau; Zeitschrift für allgemeine Geologie, under mitwirkung der deutschen geologischen Gesellschaft. 8°, Leipzig, 1910——

Geol. u. Pal. Abhandl.—Geologische und Palæontologische Abhandlungen. 4°, Berlin, 1882——

Geol. Trans.—Transactions of the Geological Society of London. 4°, London, 1811—1842.

Gilbert's Ann. Phys.—Annalen der Physik, herausgegeben von L. W. Gilbert. 8°, Halle und Leipzig, 1799—1824.

Glean. Sci.—Gleanings in Science. 8°, Calcutta, 1829—1831.

Globus.—Illustrierte Zeitschrift für Länder und Völkerkunde. 4°, Braunschweig, 1862——

H

Haidinger's Berichte.—Berichte über die Mittheilungen von Freunden der Naturwissenschaften in Wien, gesammelt von Wilhelm Haidinger. 8°, Wien, 1846—1850.

Hemchandra Mem. Ser.—The Hemchandra Memorial Series; published by the Sahitya Sabha. 8°, Calcutta, 1908——

Hooker's Journ. Bot.—Hooker's Journal of Botany and Kew Garden Miscellany. 8°, London, 1849—1857.

I

Imp. Inst. Journ.—The Imperial Institute Journal. Fol., London 1895—1902.

NATIONAL ARCHIVES OF INDIA

Imp. Inst. Tech. Rep.—Technical Reports and Scientific Papers of the Imperial Institute of the United Kingdom, the Colonies, and India, edited by Wyndham R. Dunstan. 8°, London, 1903.

Ind. Ann. Med. Sci.—The Indian Annals of Medical Science; or Half-Yearly Journal of Practical Medicine and Surgery. 8°, Calcutta, 1854—1877.

Ind. Antiquary.—The Indian Antiquary; a Journal of Oriental Research in Archæology, etc. 4°, Bombay, 1872——

Ind. Economist.—The Indian Economist; a Monthly Journal devoted to Economical and Statistical Inquiries concerning India. 4°, Calcutta, 1870—1875.

Ind. Forester.—The Indian Forester; a Quarterly Magazine of Forestry. 8°, Calcutta and Roorkee, 1875——

Ind. Journ. Arts.—The Illustrated Indian Journal of Arts, Sciences, and Manufactures. 8°, Madras, 1850—1856.

Ind. Journ. Med. Phys. Sci.—The Indian Journal of Medical and Physical Science. 8°, Calcutta, 1836—1838.

Indo-China.—Miscellaneous Papers relating to Indo-China. Reprinted for the Straits Branch of the R. Asiatic Society from Dalrymple's "Oriental Repertory" and the "Asiatic Researches" and "Journal of the Asiatic Society of Bengal." 8°, London, 1886—1887.

Isvestia, Russ. Geogr. Soc.—Bulletin of the Imperial Geographical Society of Russia. 8°, Petrograd, 1874——

J

Jahrb. f. Min.—Jahrbuch für Mineralogie, Geognosie, Geologie, und Petrefaktenkunde. 8°, Heidelberg, 1830—1832.

Jahrb. k.-k. Geol. Reichsanst.—Jahrbuch der kaiserlich-königlichen geologischen Reichsanstalt. 8°, Wien, 1850——

Jahrb. Schw. Alpenclub.—Jahrbuch der Schweizer Alpenclub. 8° Bern, 1864——

NATIONAL ARCHIVES OF INDIA

Jahresb. k.-ung. geol. Anst.—Jahresbericht der königlich-ungarischen geologischen Anstalt. 8°, Budapest, 1882——

Journ. Agri. Hort. Soc. India.—Journal of the Agricultural and Horticultural Society of India. 8°, Calcutta, 1842——

Journ. A. S. B.—Journal and Proceedings of the Asiatic Society of Bengal. 8°, Calcutta, 1832——

Journ. Asiat.—Journal Asiatique; ou Recueil de Mémoires, d'Extraits, et de Notices relatifs a l'Histoire, a la Philosophie, aux Sciences, a la Litterature et aux Langues des Peuples Orientaux. 8°, Paris, 1822——

Journ. Bo. As. Soc.—Journal of the Bombay Branch of the Royal Asiatic Society. 8°, Bombay, 1841——

Journ. Ceyl. As. Soc.—Journal of the Ceylon Branch of the Royal Asiatic Society. 8°, Colombo, 1845——

Journ. Chem. Soc.—*Journal of the Chemical Society of London.* 8°, London, 1849——

Journ. de Conch.—Journal de Conchyliologie, comprenant l'Etude des Animaux des Coquilles vivantes et des Coquilles fossiles. 8°, Paris, 1850.

Journ. de Geologie.—Journal de Géologie, par MM. A. Boué, Jobert, et Rozet. 8°, Paris, 1830—1831.

Journ. de Pharm.—Journal de Pharmacie et des Sciences accessoires. 8°, Paris, 1815——

Journ. des Mines.—Journal des Mines; ou Recueil de Mémoires sur l'exploitation des Mines, et sur les Sciences et les Arts qui s'y rapportent. 8°, Paris, 1795—1815.

Journ. Geol.—The Journal of Geology; a semi-Quarterly Magazine of Geology and Related Sciences. 8°, Chicago, 1893——

Journ. Geol. Soc. Dublin.—Journal of the Geological Society of Dublin. 8°, Dublin, 1838—1864.

Journ. f. prakt. Chem.—Journal für praktische Chemie. 8° Leipzig 1834——

NATIONAL ARCHIVES OF INDIA

Journ. Ind. Archipelago.—The Journal of the Indian Archipelago and Eastern Asia. 8°, Singapore, 1847—1862.

Journ. I. S. Inst.—The Journal of the Iron and Steel Institute. 8°, London, 1871——

Journ. Manch. Geogr. Soc.—The Journal of the Manchester Geographical Society. 8°, Manchester, 1885——

Journ. Phys. Chim.—Journal de Physique, de Chimie, et d'Histoire Naturelle. 4°, Paris, 1773—1822.

Journ. R. As. Soc.—The Journal of the Royal Asiatic Society of Great Britain and Ireland. 8°, London, 1834——

Journ. R. Dub. Soc.—The Journal of the Royal Dublin Society. 8°, Dublin, 1856—1878.

Journ. R. Geogr. Soc.—The Journal of the Royal Geographical Society of London. 8°, London, 1832—1880.

Journ. R. Geol. Soc. Ireland.—The Journal of the Royal Geological Society of Ireland. 8°, Dublin, 1864—1887.

Journ. Sci.—The Quarterly Journal of Science (afterwards Journal of Science), edited by J. Samuelson and W. Crookes. 8°, London, 1864—1885.

Journ. Soc. Arts.—The Journal of the Society (afterwards Royal) of Arts. 8°, London, 1852——

Journ. Soc. Chem. Ind.—The Journal of the Society of Chemical Industry. 8°, Manchester and London, 1882——

Journ. Str. As. Soc.—Journal of the Straits Branch of the Royal Asiatic Society. 8°, Singapore, 1878——

K

Kulu Min.—Reports on the Minerals of the Vazeeri, or Waziri-Rupi, in the sub-Division of Kulu, or Kooloo, in the Punjaub. Fol. London, 1886.

NATIONAL ARCHIVES OF INDIA

Kumaon.—Official Reports on the Province of Kumaon. 8°, Calcutta, 1878.

L

La Géographie.—Bulletin de la Société de Géographie. 8°, Paris, 1900——

Leth. Geogn.—Lethaea Geognostica, oder Beschreibung und Abbildung der für die Gebirgs-Formationen bezeichnendeten Versteinerungen. 8°, Stuttgart, 1897—1908.

L'Institut.—Journal des Académies et Sociétés scientifiques de la France et de l'Étranger. 4°, Paris, 1833—1869.

M

Mad. Journ. Lit. Sci.—Madras Journal of Literature and Science, published under the auspices of the Madras Literary Society and Auxiliary of the Royal Asiatic Society. 8°, Madras, 1834—1882.

Mad. Mon. Journ. Med. Sci.—The Madras Monthly Journal of Medical Science. 8°, Madras, 1867—1872.

Mad. Quart. Med. Journ.—The Madras Quarterly Journal of Medical Science. 8°, Madras, 1858—1866.

Mag. Asiat.—Magasin Asiatique ; ou Revue géographique et historique de l'Asie centrale et septentrionale. 8°, Paris, 1825—1826.

Man.—A Monthly Record of Anthropological Science. 8°, London, 1901——

Mem. Dep. Agric. Ind.—Memoirs of the Department of Agriculture in India. Chemical Series. 4°, Calcutta, 1906——

Mem. Amer. Acad.—Memoirs of the American Academy of Arts and Sciences. 4°, Cambridge, Mass., 1785——

Mem. A. S. B.—Memoirs of the Asiatic Society of Bengal. 4°, Calcutta 1905——

NATIONAL ARCHIVES OF INDIA

Mem. Chem. Soc.—Memoirs and Proceedings of the Chemical Society of London. 8°, London, 1841—1848.

Mém. Com. Géol. Russia.—Mémoires du Comité géologique, Russia 4°, Petrograd, 1883——

Mém. de l'Inst.—Mémoires de l'Académie royale des Sciences de l'Institut de France. 4°, Paris, 1798——

Mém. du Mus.—Mémoires du Muséum d'Histoire Naturelle. 4°, Paris, 1815—1832.

Mem. G. S. I.—Memoirs of the Geological Survey of India. 8°, Calcutta, 1856——

Mem. Mus. Comp. Zool.—Memoirs of the Museum of Comparative Zoology at Harvard College. 4°, Cambridge, Mass., 1864——

Mem. Mysore Geol. Dep.—Memoirs of the Mysore Geological Department. 8°, Bangalore, 1900——

Mem. Wern. Soc.—Memoirs of the Wernerian Natural History Society. 8°, Edinburgh, 1811—1837.

Mineral. Mag.—The Mineralogical Magazine and Journal of the Mineralogical Society of Great Britain and Ireland. 8°, Truro, 1876——

Mineral. Mitth.—Mineralogische Mittheilungen, gesammelt von Gustav Tschermak. 8°, Wien, 1872—1877.

Mining Mag.—The Mining Magazine. 8°, London, 1909——

Min. Journ.—The Mining Journal and Commercial Gazette. Fol., London, 1835——

Mitth. Geol. Ges. Wien.—Mittheilungen der geologischen Gesellschaft in Wien. 8°; Wien, 1908——

Mitth. k.-k. Geogr. Ges.—Mittheilungen der kaiserlich-königlichen geographischen Gesellschaft. 8°, Wien, 1857——

Monatsb. k.-preuss. Akad. Wiss.—Monatsberichte der königlich-preussischen Akademie der Wissenschaften zu Berlin. 8°, Berlin, 1854—1881.

NATIONAL ARCHIVES OF INDIA

Monatsb. Verh. Ges. f. Erdk.—Monatsberichte über die Verhandlungen der Gesellschaft für Erdkunde zu Berlin. 8°, Berlin, 1839—1851.

N

Nat. Hist. Rev.—The Natural History Review and Quarterly Journal of Science. 8°, Dublin and London, 1854—1865.

Nat. Sci.—Natural Science: a Monthly Review of Scientific Progress. 8°, London and New York, 1892—1899.

Nature.—Nature. A weekly Illustrated Journal of Science. 4°, London and New York, 1869——

Neu. Jahrb. f. Min.—Neues Jahrbuch für Mineralogie, Geologie, und Palaeontologie. 8°, Stuttgart, 1833——

Nich. Journ.—A Journal of Natural Philosophy, Chemistry, and the Arts; edited by William Nicholson, 8°, London, 1802—1813.

Nouv. Ann. du Mus.—Nouvelles Annales du Muséum d'Histoire Naturelle. 4°, Paris, 1832—1835.

Nouv. Arch. du Mus.—Nouvelles Archives du Muséum d'Histoire Naturelle. 4°, Paris, 1865——

O

Oesterr. Zeits. f. Berg- u. Huttenw.—Oesterreichische Zeitschrift für Berg- und Hüttenwesen. 4°, Wien, 1853——

P

Palaeont. Mitth.—Palaeontologische Mittheilungen aus dem Museum des königlich-bayerischen Staates. 8°, Stuttgart, 1862—1865.

Palaeontographica.—Beiträge zur Naturgeschichte der Vorwelt. 4°, Cassel, 1851——

Palæont. Soc.—Publications of the Palæontographical Society. 4°, London, 1847——

NATIONAL ARCHIVES OF INDIA

Pal. Indica.—Memoirs of the Geological Survey of India: Palæontologia Indica, being Figures and Descriptions of the Organic Remains procured during the progress of the Geological Survey of India. 4°, Calcutta, 1861——

Perak Mus. Notes.—Perak Museum Notes. 8°, Taiping, 1893——

Peterm. Mitth.—Mittheilungen aus Justus Perthes' geographischer Anstalt über wichtige neue Erforschungen auf dem Gesammtgebiete der Geographie von Dr. A. Petermann. 4°, Gotha, 1855——

Pharm. Journ.—The Pharmaceutical Journal and Transactions. 8°, London, 1841——

Phil. Mag.—The Philosophical Magazine; comprehending the various Branches of Science, the Liberal and Fine Arts, Agriculture, Manufactures, and Commerce. 8°, London, 1798—1826.

——— **Ser. 2.**—The Philosophical Magazine or Annals of Chemistry, Mathematics, Astronomy, Natural History, and General Science. 8°, London, 1827—1832.

——— **Ser. 3.**—The London and Edinburgh (also Dublin from 1840) Philosophical Magazine and Journal of Science. 8°, London. 1832——

Phil. Trans.—Philosophical Transactions of the Royal Society of London, 4°, London, 1665——

——— **Abridg.**—Philosophical Transactions, Abridged Edition, 1665 to 1800. 4°, London, 1809.

Pogg. Ann.—Annalen der Physik und Chemie, herausgegeben von J. G. Poggendorff. 8°, Leipzig, 1824——

Proc. Amer. Assoc.—Proceedings of the American Association for the Advancement of Science. 8°, Philadelphia and Salem, 1848——

Proc. Amer. Phil. Soc.—Proceedings of the American Philosophical Society. 8°, Philadelphia, 1838——

Proc. A. S. B.—Proceedings of the Asiatic Society of Bengal. 8°, Calcutta, 1863—1904 (continued as Journal and Proceedings).

NATIONAL ARCHIVES OF INDIA

Proc. Ashm. Soc.—Abstracts of the Proceedings of the Ashmolean Society. 8°, Oxford, 1832—1881.

Proc. Boston Soc. Nat. Hist.—Proceedings of the Boston Society of Natural History. 8°, Boston, 1841——

Proc. Cambridge Phil. Soc.—Proceedings of the Cambridge Philosophical Society. 8°, Cambridge, 1843——

Proc. Chem. Soc.—Abstracts of the Proceedings of the Chemical Society of London. 8°, London, 1885——

Proc. Geol. Assoc.—Proceedings of the Geologists' Association. 8°, London, 1859——

Proc. Geol. Soc.—Proceedings of the Geological Society of London. 8° London, 1826—1845 (continued in the Quarterly Journal).

Proc. Geol. Soc. Liverpool.—Abstracts of the Proceedings of the Liverpool Geological Society. 8°, 1859——

Proc. Inst. C. Eng.—Minutes of Proceedings of the Institution of Civil Engineers. 8°, London, 1837——

Proc. Linn. Soc. N. S. W.—The Proceedings of the Linnean Society of New South Wales. 8°, Sydney, 1875——

Proc. Lit. Phil. Soc. Liverpool.—Proceedings of the Literary and Philosophical Society of Liverpool. 8°, London and Liverpool, 1844——

Proc. Malac. Soc. Lond.—Proceedings of the Malacological Society of London. 8°, London, 1893——

Proc. Manch. Lit. Phil. Soc.—Memoirs and Proceedings of the Literary and Philosophical Society of Manchester. 8°, London and Manchester, 1862——

Proc. Phil. Soc. Glasgow.—Proceedings of the Glasgow Philosophica Society. 8°, Glasgow and London, 1841——

Proc. R. Dub. Soc.—The Scientific Proceedings of the Royal Dublin Society. 8°, Dublin, 1856——

NATIONAL ARCHIVES OF INDIA

Proc. R. Geogr. Soc.—Proceedings of the Royal Geographical Society. 8°, London, 1855—1892 (continued as Geographical Journal).

Proc. R. I. Acad.—Proceedings of the Royal Irish Academy. 8°, Dublin, 1836——

Proc. Roy. Inst.—Notices of the Proceedings at the Meetings of the Royal Institution of Great Britain, with Abstracts of the Discourses delivered at the Evening Meetings. 8°, London, 1851——

Proc. Roy. Soc.—Proceedings of the Royal Society of London. 8°, London, 1800——

Proc. Roy. Soc. Edin.—Proceedings of the Royal Society of Edinburgh. 8°, Edinburgh, 1832——

Proc. Staffs. I. S. Inst.— Proceedings of the Staffordshire Iron and Steel Institute. 8°, Stourbridge, 1885——

Proc. U. S. Nat. Mus.—Proceedings of the United States National Museum. 8°, Washington, 1878——

Proc. Washington Acad. Sci.—Proceedings of the Washington Academy of Sciences. 4°, Washington, 1899—1910.

Proc. Zool. Soc.—Proceedings of the Committee of Science and Correspondence of the Zoological Society of London. 8°, London, 1830——

Prof. Papers Ind. Eng.—Professional Papers on Indian Engineering. 8°, Roorkee, 1863—1880.

Publ. Earthq. Inv. Com. Tokyo.—Publications of the Earthquake Investigation Committee in Foreign Languages. 8°, Tokyo, 1900——

Q

Quarry.—The Quarry: the illustrated Monthly Journal of the Stone, Marble, Slate, Lime, and Cement Trades. 4°, London, 1896——

Quart. Journ. Geol. Soc.—The Quarterly Journal of the Geological Society of London. 8°, London, 1845——

NATIONAL ARCHIVES OF INDIA

Quart. Journ. Sci.—The Quarterly Journal of Science, Literature, and the Arts; edited at the Royal Institution of Great Britain. 8°, London, 1816—1830.

R

Rec. Gen. Sci.—Records of General Science. 8°, London, 1835—1836.

Rec. G. S. I.—Records of the Geological Survey of India. 8°, Calcutta, 1868——

Rec. Indian Mus.—Records of the Indian Museum (a Journal of Indian Zoology). 8°, Calcutta, 1907——

Rec. Mysore Geol. Dep.—Records of the Mysore Geological Department. 8°, Bangalore, 1900——

Rendic. R. Ist. Lomb. Sci. e Lett.—Rendiconti, Reale Istituto Lombardo di Scienze e Lettere. 8°, Milano, 1864——

Rep. Brit. Assoc.—Reports of the British Association for the Advancement of Science. 8°, London, 1831——

Rep. Geol. Dep. Travancore.—Reports of the State Geologists, Travancore. Fol., Trivandrum, 1907——

Rep. Govt. Cent. Mus. Madras.—Reports of the Government Central Museum, Madras. 8°, Madras, 1855—1858.

Rep. Ind. Indust. Conf.—Reports of the Indian Industrial Conference. 8°, Amraoti, Berar, 1905——

Rep. Min. Survey Ceylon.—Reports of the Director of the Mineralogical Survey of Ceylon. Ceylon Administration Reports, Pt. IV. Fol., Colombo, 1903—1906.

Rev. Mus. de la Plata.—Revista del Museo de la Plata. 8°, La Plata, 1890——

Revue Pal.—Revue critique de Paléozoologie. 8°, Paris, 1897——

Riv. Min. e Crist. Ital.—Rivista di Mineralogia e Cristallografia Italiana. 8°, Padova, 1887——

NATIONAL ARCHIVES OF INDIA

Roorkee Prof. Papers.—Professional Papers printed at the Civil Engineering College, Roorkee. 8°, Roorkee, 1853.

Rozpr. České Akad.—Rozpravy třídy mathematicko-přírodovědecké Královské České Společnosti Náuk (Abhandlungen der mathematisch-naturwissenschaftlichen Classe der königlich-böhmischen Gesellschaft der Wissenschaften). 4°, Prag, 1868——

S

Schrift. naturf. Ges. Danzig.—Schriften der naturforschenden Gesellschaft in Danzig; Neue Folge. 8°, Danzig, 1884——

Science.—A Weekly Journal devoted to the Advancement of Science. 4°, New York, 1894——

Sci. Progress.—Science Progress: a Monthly Review of current Scientific Investigation. 8°, London, 1894—1898.

Sci. Progress XX Cent.—Science Progress in the Twentieth Century: a Quarterly Journal of Scientific Thought. 8°, London, 1906——

Sci. Rep. Tohoku Imp. Univ.—Scientific Reports of the Tohoku Imperial University, Sendai, Japan. 8°, Sendai, 1911——

Scot. Geogr. Mag.—The Scottish Geographical Magazine. 8°, Edinburgh, 1885——

Sel. Rec. Beng. Govt.—Selections from the Records of the Bengal Government. 8°, Calcutta, 1851—1869.

Sel. Rec. Bo. Govt.—Selections from the Records of the Bombay Government. 8°, Bombay, 1854—1900.

Sel. Rec. Govt. India.—Selections from the Records of the Government of India. 8°, Calcutta, 1853—1900.

Sel. Rec. Govt. N.-W. P.—Selections from the Public Correspondence and Records of the Government, North-Western Provinces. 8°, Agra, 1849—1873.

Sel. Rec. Mad. Govt.—Selections from the Records of the Madras Government. 8°, Madras, 1852—1879.

NATIONAL ARCHIVES OF INDIA

Sel. Rec. Punj. Govt.—Selections from the Public Correspondence and Records of the Government of the Punjab and its Dependencies. 8°, Lahore, 1853—1868.

Sitz. k. Akad. Wiss.—Sitzungsberichte der kaiserlichen Akademie der Wissenschaften in Wien. Mathematisch-naturwissenschaftliche Classe. 8°, Wien, 1848——

Sitz. k.-bayer. Akad. Wiss.—Sitzungsberichte der königlich-bayerischen Akademie der Wissenschaften. Mathematisch-physikalische Classe. 8°, Munich, 1861——

Sitz. k.-böhm. Ges. Wiss.—Sitzungsberichte der königlich-böhmischen Gesellschaft der Wissenschaften. Mathematische-naturwissenschaftliche Classe. 8°, Prag, 1868——

Sitz. naturw. Ges. Isis.—Sitzungsberichte der naturwissenschaftlichen Gesellschaft Isis in Dresden. 8°, Dresden, 1846——

Spolia Zeyl.—Spolia Zeylanica; issued by the Colombo Museum, Ceylon. 8°, Colombo, 1903——

Stahl u. Eisen.—Stahl und Eisen; Zeitschrift für das deutsche Eisenhüttenwesen. 8°, Dusseldorf, 1881——

Stray Feathers.—A Journal of Ornithology for India and its Dependencies. 8°, Calcutta, 1873—1899.

Stud. Gott. Bergm. Freunde.—Studien des Göttingischen Vereins Bergmännischer Freunde. 8°, Göttingen, 1824—1854.

T

Trans. Agri. Hort. Soc. Ind.—Transactions of the Agricultural and Horticultural Society of India. 8°, Calcutta, 1824—1840.

Trans. Amer. Inst. Min. Eng.—Transactions of the American Institute of Mining Engineers. 8°, Philadelphia, 1871——

Trans. Amer. Phil. Soc.—Transactions of the American Philosophical Society. 4°, Philadelphia, 1769——

NATIONAL ARCHIVES OF INDIA

Trans. Bo. Geogr. Soc.—Transactions of the Bombay Geographical Society. 8°, Bombay, 1840—1871.

Trans. Bo. Lit. Soc.—Transactions of the Literary Society of Bombay. 4°, London, 1819—1823.

Trans. Edin. Geol. Soc.—Transactions of the Edinburgh Geological Society. 8°, Edinburgh, 1870——

Trans. Geol. Soc. Glasgow.—Transactions of the Geological Society of Glasgow. 8°, Glasgow, 1882——

Trans. Inst. Min. Eng.—Transactions of the Federated Institution of Mining Engineers. 8°, Newcastle-upon-Tyne, 1889——

Trans. Inst. Min. Met.—Transactions of the Institution of Mining and Metallurgy. 8°, London, 1892——

Trans. Linn. Soc.—Transactions of the Linnean Society of London. 4°, London, 1791——

Trans. Mad. Lit. Soc.—Transactions of the Literary Society of Madras. 4°, London, 1827.

Trans. Manch. Geol. Soc.—Transactions of the Manchester Geological Society. 8°, Manchester, 1841—1904.

Trans. Med. Phys. Soc. Bombay.—Transactions of the Medical and Physical Society of Bombay. 8°, Bombay, 1837—1889.

Trans. Med. Phys. Soc. Calcutta.—Transactions of the Medical and Physical Society of Calcutta. 8°, Calcutta, 1825—1831.

Trans. Min. Geol. Inst. Ind.—Transactions of the Mining and Geological Institute of India. 8°, Calcutta, 1906——

Trans, N. E. Inst. Min. Eng.—Transactions of the North of England Institute of Mining and Mechanical Engineers. 8°, Newcastle-upon-Tyne, 1852——

Trans. R. As. Soc.—Transactions of the Royal Asiatic Society of Great Britain and Ireland. 4°, London, 1827—1835.

NATIONAL ARCHIVES OF INDIA

Trans. R. Dub. Soc.—The Scientific Transactions of the Royal Dublin Society. 4°, Dublin, 1877.

Trans. R. Geol. Soc. Cornwall.—Transactions of the Royal Geological Society of Cornwall. 8°, London, 1818——

Trans. Soc. Enc. Arts.—Transactions of the Society, instituted at London, for the Encouragement of Arts, Manufactures, and Commerce. 8°, London, 1789—1845.

Tscherm. Mitth.—Mineralogische und Petrographische Mittheilungen, herausgegeben von G. Tschermak. 8°, Wien, 1878——

V

Verh. Batav. Genoots. Kunst. e. Weten.—*Verhandelingen van het Bataviaasch* Genootschap van Kunsten en Wetenschappen. 8°, Batavia, 1781—1848, 4°, 1849——

Verh. 16 deutsch. Geogr. z. Nürnberg.—Verhandlungen der 16 Geographentages zu Nürnberg. 8°, Nürnberg, 1907.

Verh. Ges. f. Erdk. Verhandlungen der Gesellschaft für Erdkunde zu Berlin. 8°, Berlin, 1873—1901.

Verh. k. Akad. Wetensch. Amst.—Verhandelingen der koninklijke Akademie van Wetenschappen. 4°, Amsterdam, 1854——

Verh. k.-k. Geol. Reichsanst.—Verhandlungen der kaiserlich-königlichen geologischen Reichsanstalt. 8°, Wien, 1867——

Verh. russ.-k. Min. Ges.—Verhandlungen der russisch-kaiserlichen mineralogischen Gesellschaft zu St. Petersburg. 8°, Petrograd, 1830——

Vierteljahrs. Naturf. Ges. Zürich.—Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich. 8°, Zürich, 1856——

NATIONAL ARCHIVES OF INDIA

W

Water.—The illustrated Journal of Water Supply, Sewerage, Irrigation, and Hydraulic Engineering. 4°, London, 1899——

Western India.—Geological Papers on Western India, including Cutch, Sinde, and the South-East Coast of Arabia ; to which is appended a summary of the Geology of India generally. Edited by H. J. Carter. 8°, Bombay, 1857.

Y

Yarkand.—Scientific Results of the Second Yarkand Mission, based upon the Collections and Notes of the late Ferdinand Stoliczka. 4°, Calcutta, 1878.

Z

Zeits. deutsch. Geol. Ges.—Zeitschrift der deutschen geologischen Gesellschaft. 8°, Berlin, 1849——

Zeits. f. allg. Erdk.—Zeitschrift für allgemeine Erdkunde ; mit Unterstützung der Gesellschaft für Erdkunde zu Berlin. 8°, Berlin, 1853—1865.

Zeits. f. anorg. Chem.—Zeitschrift für anorganische Chemie. 8°, Hamburg and Leipzig, 1892——

Zeits. f. Berg- Hütt.- u. Salinenw.—Zeitschrift für das Berg- Hütten- und Salinenwesen, im preussischen Staate. 4°, Berlin, 1854——

Zeits. Ges. f. Erdk.—Zeitschrift der Gesellschaft für Erdkunde zu Berlin. 8°, Berlin, 1866——

Zeits. gesammt. naturw. Halle.—Zeitschrift für die gesammten Naturwissenschaften : herausgegeben von dem naturwissenschaftlichen Vereines für Sachsen und Thüringen in Halle. 8°, Halle, 1853——

NATIONAL ARCHIVES OF INDIA

Zeits. f. Gletscherk.—Zeitschrift für Gletscherkunde, für Eiszeitforschung und Geschichte des Klimas. 8°, Berlin, 1907——

Zeits. f. Kryst.—Zeitschrift für Krystallographie und Mineralogie. 8° Leipzig, 1877——

Zeits. f. prakt. Geol.—Zeitschrift für praktische Geologie, mit besondere Berücksichtigung der Lagerstättenkunde. 4°, Berlin, 1893——

Zoologist.—The Zoologist: a popular Miscellany of Natural History. 8°, London, 1843——

NATIONAL ARCHIVES OF INDIA

A BIBLIOGRAPHY

OF

INDIAN GEOLOGY AND PHYSICAL GEOGRAPHY

A

A. Z.

1 . 1820. Report of an Analysis of a Chalybeate Mineral Water taken from a Well situated in the Cantonment of Bangalore. *As. Journ.*, IX, 192.

Abbay, R.

2 . 1879. Note on a Consolidated Beach in Ceylon. *Nature*, XXI, 184—185.

Abbott, J.

3—1. 1844. An account of a remarkable Aerolite, which fell at the village of Manigaon, near Eidulabad in Khandeesh. *Journ. A. S. B.*, XIII, 880—884.

—2. 1845. On Kunker formations, with specimens. *Journ. A. S. B.*, XIV, 442—444.

—3. 1845. Account of certain Agate Splinters found in the clay stratum bordering the river Narbudda. *Journ. A. S. B.*, XIV, 756—758 (Abst., *Western India*, 497, H. J. Carter).

—4. 1845. Remarks upon the occurrence of Granite in the bed of the Narbudda. *Journ. A. S. B.*, XIV, 821—822 (Abst., *Western India*, 498, H. J. Carter).

NATIONAL ARCHIVES OF INDIA

Abbott, J.—*contd.*

3—5. 1847. Account of the process employed for obtaining Gold from the Sand of the River Beyass; with a short account of the Gold Mines of Siberia. *Journ. A. S. B.*, XVI, 266—272.

—6. 1847. Process of working the Damascus Blade of Goojrat. *Journ. A. S. B.*, XVI, 417—423, 666—667.

—7. 1847. Extracts from a letter descriptive of Geological and Mineralogical Observations in the Huzuree district. *Journ. A. S. B.*, XVI, 1135—1137.

—8. 1848. Inundation of the Indus, taken from the lips of an eye-witness, A. D. 1842. *Journ. A. S. B.*, XVII, 230—232.

Abel, *Sir* F.

4—1. 1895. Report on Indian Coals. Result of Examination in the Research Department of the Imperial Institute, London. *Agric. Ledger*, II, No. 2, 1—8; *Imp. Inst. Journ.*, I, 162—163 (Abst. *Journ. I. S. Inst.*, XLVII, 320).

—2. 1896. Iron Ores from the Salem District, Madras. *Imp. Inst. Journ.*, II, 223—224; *Imp. Inst. Tech. Rep.*, 12—18 (Abst., *Coll. Guard.*, LXXI, 1074—1075).

Abruzzi, Luigi Amadeo, *Duca degli*

5 . 1910. Esplorazione nei monti del Karakoram. *Boll. Soc. Geogr. Ital.*, Ser. 4, XI, 435—469 (Abst., *Nature*, LXXXIII, 469—470, H. H. Godwin-Austen).

———, *see* **de Filippi, F., 451—1, —2.**

———, *see* **Merzbacher, G., 1211.**

———, *see* **Novarese, V., 1312—1, —2.**

———, *see* **Paganini, P., 1357.**

Accum, F.

6 . 1803. Examination of the so-called Salt of Bitumen, the Bit-Nobin of the Hindoos. *Nich. Journ.*, V, 251—255.

NATIONAL ARCHIVES OF INDIA

Adam, J.

7—1. 1819. On the Geology of the Banks of the Ganges, from Calcutta to Cawnpore. *Geol. Trans.*, Ser. 1, V, 346—352.

—2. 1822. Geological Notices, and Miscellaneous Remarks, relative to the District between the Jumna and Narbudda; with an Appendix, containing an Account of the Rocks found in the Baitool Valley in Berar, and on the Hills of the Gondwana Range; together with Remarks made on a March from Hussingabad to Saugor, and from thence to the Ganges. *Mem. Wern. Soc.*, IV, 24—57.

—3. 1832. Account of Barren Island, in the Bay of Bengal. *Journ. A. S. B.*, I, 128—131.

—4. 1842. Memoranda on the Geology of Bundelcund and Jubbulpore. *Journ. A. S. B.*, XI, 392—411 (Abst., *As. Journ.*, XV, 266).

Adams, A. Leith

8—1. 1862. Rambles of a Naturalist in India, and the Western Himalayan Mountains. *Edin. N. Phil. Journ.*, N. S., XVI, 87—108.

—2. 1867. Wanderings of a Naturalist in India, the Western Himalayas, and Cashmere. 8°, 333 pp. Edinburgh.

Adams, A. Leith, *and* Busk, G.

9 . 1868. Has the Asiatic elephant been found in a Fossil State? *Quart. Journ. Geol. Soc.*, XXIV, 496—499 (Abst., *Phil. Mag.*, Ser. 4, XXXVII, 152).

Adamson, T.

10 1. 1903. Working a thick Coal-seam in Bengal, India. *Trans. N. E. Inst. Min. Eng.*, LII, 202—205, 264—266, 398—399; *Trans. Inst. Min. Eng.*, XXV, 10—13, 194—196, 396—397.

—2. 1905. Goaf-Blasts in Mines in the Giridih Coal Field, Bengal, India. *Trans. Inst. Min. Eng.*, XXIX, 1—14, 425—430; XXXI, 499—561.

NATIONAL ARCHIVES OF INDIA

Adye, E. H.

11 . 1915. Memoir on the Economic Geology of Navanagar State in the Province of Kathiawar, India. 8°, 262 pp., Bombay (Review, *Nature*, XCV, 407, G. A. J. C.).

Agabeg, E. C.

12 . 1902. A new Indian Coal-field [Dehra Dun]. *Coll. Guard.*, LXXXIV, 522.

Agamennone, G.

13—1. 1897. Notize sul Terremoti osservati in Italia durante l'anno 1897 (1° semestre). *Boll. Soc. Sism. Ital.*, III, Supplement 249—296.

—2. 1898. Il terremoto dell' India del 12 giugno 1897 registrato in Europa. *Atti. R. Acc. Lincei., Rendic.*, Ser. 5A., VII, 1 Sem., 265—271 (Abst. *Nature*, LVIII, 109; *N. Jahrb. f. Min.*, 1900, II, 376, Deeche; *Peterm. Mitth.*, XLV, *Litt.*, 50, Ehlert).

—3. 1898. Il terremoto dell' India del 12 giugno 1897. *Boll. Soc. Sism. Ital.*, IV, 33—40.

—4. 1898. Eco in Europa del terremoto Indiano del 12 giugno 1897. *Boll. Soc. Sism. Ital.*, IV, 41—67 (Abst., *Nature*, LIX, 187).

—5. 1898. Replica alla rettifica del Prof. G. Grablovitz alla relazione sulle osservazioni fatte a Casamicciola in occasione del terremoto Indiano del 12 giugno 1897. *Boll. Soc. Sism. Ital.*, IV, 169—172.

Agassiz, A.

14—1. 1902. An expedition to the Maldives. *Amer. Journ. Sci.*, Ser. 4, XIII, 297—308 (Abst., *Peterm. Mitth.*, XLVIII, *Litt.*, 129—130, R. Langenbeck).

—2. 1902. [Physical Geography of the Maldives.] *Geogr. Journ.*, XIX, 480—483.

—3. 1902. Note on the Exploration of the Maldive Islands. *Nature*, LXV, 348.

NATIONAL ARCHIVES OF INDIA

Agassiz, A.—*contd.*

14—4. 1903. The Coral Reefs of the Maldives. *Mem. Mus. Comp. Zool.*, XXIX, i-xxv+1—168.

Agha Abbas.

15 . 1843. Journal of a tour through parts of the Punjab and Affghanistan, in the year 1837. Arranged and translated by Major R. Leech, by whom the tour was planned and instructions furnished. *Journ. A. S. B.*, XII, 564—621.

Ahlers, R. O.

16—1. 1905. Notes on the New Dharwar Gold Field of India. *Trans. Inst. Min. Met.*, XIV, 442—457 (Abst., *Min. Journ.*, LXXVII, 431—432).

—2. 1908. A Manganese Deposit in Southern India. *Trans. Inst. Min. Met.*, XVIII, 133—152 (Abst., *Journ. I. S. Inst.*, LXXIX, 504—505; *Eng. Min. Journ.*, LXXXVII, 955; *Nature*, LXXIX, 118).

Ainslie, Whitelaw.

17 . 1826. Materia Indica; or, some account of those Articles which are employed by the Hindoos and other Eastern Nations, in their Medicine, Arts, and Manufactures. 8°, 2 Vols., London.

Ainsworth, W.

18 . 1834. Journey through the Himma-leh mountains to the sources of the river Jumna, and thence to the confines of Chinese Tartary: performed in April—October, 1827, by Captain C. Johnson, late of the 11th Dragoons. *Journ. R. Geogr. Soc.*, IV, 41—71.

Aitchison, J. E. T.

19 . 1864. On the Vegetation of the Jhelum District of the Punjab. *Journ. A. S. B.*, XXXIII, 290—320 (*contains notes on the geology at p. 291*).

NATIONAL ARCHIVES OF INDIA

Alcock, A. W.

20—1. 1898. Report on the Natural History Results of the Pamir Boundary Commission ... with a Notice of the Rock Specimens, by T. H. Holland. 8°, Calcutta (Review, *Nature*, LVIII, 493—494, W. T. B.).

—2. 1905. W. T. Blanford, A.R.S.M., LL.D., C.I.E., F.R.S. [Obituary Notice] *Rec. G. S. I.*, XXXII, 241—257.

Alexander, H. F.

21 . 1871. On the Origin of *Cabook*, or the Laterite of Ceylon. *Trans. Edin. Geol. Soc.*, II, 113—118 (*Abstract*).

Alexander, J. E.

22—1. 1824. Notice in regard to the Saline Lake of Loonar, situated in Berar, East Indies, in lat. 19° 10′ N., and Long. 75° 3′ E. *Edin. Phil. Journ.*, XI, 308—311; *Trans. Mad. Lit. Soc.*, I, 99—102 (Abst. *As. Journ.*, XXVI, 333; *Edin. Journ. Sci.*, X, 186).

—2. 1827. Travels from India to England; comprehending a Visit to the Burman Empire, and a Journey through Persia, Asia Minor, European Turkey, etc., in the years 1825-26. 4°, 293 pp., London.

—3. 1828. Note on the petrifying quality of the Irrawaddy. *Edin. N. Phil. Journ.*, V, 392—393.

Allardyce, J.

23 . 1836. On the Granitic Formation, and direction of the Primary Mountain Chains, of Southern India. *Mad. Journ. Lit. Sci.*, IV, 327—335.

Allen, C. L.

24 . 1882. On the Composition of Two Specimens of Jade. *Chem. News*, XLVI, 216.

Amicus.

25 . 1818. Remarks on the Himalaya Mountains. *As. Journ.*, V, 319—325.

NATIONAL ARCHIVES OF INDIA

Anderson, A. Hay.

26—1. 1880. Notes of a Journey to the Auriferous Quartz Regions of Southern India. 8°, 16 pp., Edinburgh.

—2. 1880. Ophir, or the Indian Gold mines. 8°, London.

Anderson, F. P.

27 . 1900. The effects of the Earthquake in 1897 on the Shaistaganj Division of the Assam-Bengal Railway. *Proc. Inst. C. Eng.*, CXLI, 258—261.

Anderson, J. (1)

28 . 1820. Account of the Strata at the Diamond Mines of Mallivully. *Edin. Phil. Journ.*, III, 72—73.

Anderson, J. (2)

29—1. 1870. The Irrawaddy and its Sources. *Journ. R. Geogr. Soc.*, XL, 286—303 (Abst., *Proc., R. Geogr. Soc.*, XIV, 346—356).

—2. 1871. A report on the Expedition to Western Yunnan *viâ* Bhamô. 8°, 458 pp., Calcutta (Review, *Nature*, VII, 317—318, J. Evans).

—3. 1876. Mandalay to Momein : a narrative of the two Expeditions to Western China of 1868 and 1875. 8°, 479 pp., London (Review, *Nature*, XIII, 422—424).

Anderson, T.

30 . 1864. [Note on the composition of Reh.] *Sel. Rec. Govt. India*, XLII, 71—73.

Andresen, T. F.

31 . 1884. The Mineral Wealth of Ulwar State, India. *Min. Journ.*, LIV, 1029 (Abst., *Journ. I. S. Inst.*, XXIV, 663).

Annandale, N.

32 . 1908. Second note on a Recent Estuarine Deposit below Clive Street, Calcutta. *Rec. G. S. I.*, XXXVII, 221—223.

NATIONAL ARCHIVES OF INDIA

Annandale, N., Brown, J. Coggin, *and* Gravely, F. H.

33 1913. The Limestone Caves of Burma and the Malay Peninsula. *Journ. A. S. B.*, N. S., IX, 391—424.

Annett, H. E.

34 . 1910. The nature of the Colour of Black Cotton Soil. *Mem. Dep. Agric. Ind.*, Chem. Ser. I, 185—203 (Abst., *Journ. Chem. Soc.*, XCVIII, Pt. 2, 535, N. H. J. M).

Anon.

35—1. ALUM. 1831. Alum Works in Cutch. *Glean. Sci.*, III, 384—385.

—2. ANTIMONY. 1857. On Mines of Antimony in the Punjab (Shigree, Lahaul). *Mad. Journ. Lit. Sci.*, N. S., I, 254—257 (from the *Madras Spectator*, March 19, 1857).

—3. ARTESIAN WELL. 1848. Account of an attempt to form an Artesian Well at Tuticorin. *Mad. Journ. Lit. Sci.*, XV, 167—172.

—4. ASSAM. 1828. Account of the Assamese Method of Blasting Rocks. *Edin. Journ. Sci.*, VIII, 111—112.

—5. ——. 1836. Assam and its capabilities. *As. Journ.*, N. S., XXI, 99—100.

—6. BARISAL GUNS. 1889. Report of a Sub-Committee of the Asiatic Society on the Barisal Guns. *Proc. A. S. B.*, 199—209.

—7. BASALT. 1832. Hara Mina, or Green Basalt used for colouring stucco. *Journ. A. S. B.*, I, 421.

—8. BENARES. 1828. On the Geology of a portion of the country near Benares. *As. Journ.*, XXVI, 594—596 (from the *Oriental Magazine*).

—9. BOLAN PASS. 1843. The Bolan Pass. Extract of a Letter from an Officer of the Bengal Artillery. *Journ. R. Geogr. Soc.*, XII, 109—112.

NATIONAL ARCHIVES OF INDIA

Anon—*contd.*

35—10. BRAHMAPUTRA. 1826. Observations upon the Source and Course of the Burrampooter River. *As. Journ.*, XXI, 52—53, 186—188; XXII, 178—179.

—11. ——. 1827. Notes on discoveries recently made in respect to the Brahmaputra River. *As. Journ.*, XXIV, 44—46, 307—308, 430—434.

—12. BUILDING MATERIALS. 1841. Stone and marble quarries at Mirzapore. *Cal. Journ., Nat. Hist.*, I, 429—430.

—13. ——. 1865. Brick-making in India. *Prof. Papers Ind. Eng.*, Ser. 1, II, 137—144.

—14. CALCUTTA. 1830. On the Salt-Water Lakes in the Vicinity of Calcutta, with suggestions for filling them up by Warping. *Glean. Sci.*, II, 201—207.

—15. CARNELIAN. 1853. Cambay Stones. *Journ. Soc. Arts*, I, 618.

—16. CEMENTS. 1829. On the Comparative value of Cements. *Glean. Sci.*, I, 91.

—17. COAL. 1827. Discovery of coal in Cuttack and near Husseinabad. *As. Journ.*, XXIV, 495.

—18. ——. 1835. [Note on the discovery of Coal at Mohpani.] *As. Journ.* N. S., XVIII, Pt. 2, 168 (from the *Bombay Courier*, May 23, 1835).

—19. ——. 1839. [Trials of Hosingabad Coal.] *As. Journ.*, N. S., XXX, Pt. 2, 122.

—20. ——. 1840. [Note on the possibility of Coal occurring in Kurnool.] *As. Journ.*, N. S., XXXII, Pt. 2, 25.

—21. ——. 1856. Papers on the Coal of the Nerbudda Valley, Tenasserim Provinces and Thayet-Myo. *Sel. Rec. Govt. India*, X.

NATIONAL ARCHIVES OF INDIA

Anon—*contd.*

35—22. Coal. 1857. [Notice of the progress of an exploration for Coal near Kotree in Sind.] *Mad. Journ. Lit. Sci.*, N. S., III, 142 (from the *Sindian*, January 13, 1857).

—23. ——. 1859. Official correspondence regarding the existence of Coal and Iron in the Punjab. 8°, Calcutta.

—24 ——. 1874. Papers on the Coal and Iron resources of the Chanda District. Fol., Calcutta.

—25. Deccan. 1837. Metals of the Deccan [Copper and Lead]. *As. Journ.*, N. S., XXIII, Pt. 2, 298 (from the *Bombay Courier*).

—26. Diamonds. 1809. Récréations Indiennes. *Bibl. Brit.*, XLII, *Litt.*, 499—517.

—27. Dolomite. 1829. On the Analysis of Dolomite. *Glean. Sci.*, I, 265—268.

—28. Earthquake. 1820. Account of the Earthquake at Kutch on the 16th June 1819. *Edin. Phil. Journ.*, III, 120—124.

29. ——. 1871. [Abstract of correspondence on an Earthquake felt in Sind on 28th October, 1870.] *Proc. A. S. B.*, 56—57.

—30. ——. 1905. The Indian Earthquake of April 4, 1905. *Nature*, LXXI, 563—564.

—31. ——. 1905. Das Indische Erdbeben vom 4. April 1905. *Globus*, LXXXVII, 323.

—32. Fossil Bones. 1827. Account of the Fossil Bones discovered on the left bank of the Irrawadi in Ava. *As. Journ.*, XXIV, 447—448; *Edin. Journ. Sci.*, VIII, 56—60; *Edin. N. Phil. Journ.*, IV, 63—66 (from *Calcutta Govt. Gazette*, March 21, 1827).

—33. Gairsapa Falls. 1829. Description of the Falls of Gersuppah. *As. Journ.*, XXVIII, 74—75.

NATIONAL ARCHIVES OF INDIA

Anon—*contd.*

35—34. GAIRSAPA FALLS. 1833. A short account of the Falls of Girsupah, in North Canara, on the Western Coast of the Madras Territories. *Edin. N. Phil. Journ.*, XIV, 385—387.

—35. GOLD. 1847. Account of the Gold Mines in the Province of Malabar. *Mad. Journ. Lit. Sci.*, XIV, Pt. 1, 154—181.

—36. ——. 1880. The Gold Quartz Regions of Southern India. *Min. Journ.*, L, 67—68, 239.

—37. ——. 1885. The Revival in Indian Gold Mining. *Min. Journ.*, LV, 1430.

—38. ——. 1886. The Gold Fields of Mysore. *Min. Journ.*, LVI, 461, 485, 512.

—39. ——. 1888. Stray Notes on Indian Gold Mining. *Min. Journ.*, LVIII, 69, 207.

—40. ——. 1904. The Kolar Gold-Field. *Eng. Min. Journ.*, LXXVII, 268.

—41. ——. 1907. Gold Mining in Asiatic Countries. *Journ. Soc. Arts*, LV, 317—318.

—42. HIMALAYA. 1825. Mineralogical researches in the Himalaya. *As. Journ.*, XIX, 421—422.

—43. ——. 1827. Nachricht von einem Vulkan im Himalaya-Gebirge. *Froriep's Notizen*, XIV, 86-87; XVIII, 262-263.

—44. ——. 1831. Letter on the Himalayan Country. *As. Journ.*, N. S., VI, Pt. 2, 110—112.

—45. ——. 1837. Journal of a Tour in the Himalaya Mountains. *As. Journ.*, N. S., XXIII, Pt. 1, 232—240; XXIV, Pt. I, 25—32.

—46. ——. 1861. Das Kintschindjunga und der Sikkim-Himalaya überhaupt. *Peterm. Mitth.*, VII, 3—11.

NATIONAL ARCHIVES OF INDIA

Anon—*contd.*

35—47. HYDERABAD. 1827. Observations on the Geology of the Hyderabad Country. *Phil. Mag.*, Ser. 2, IV, 12—19 (from *Trans. Madras Lit. Soc.*, I, 79—88).

—48. INDIAN GEOLOGY. 1866. Note on the Geological Survey of India, *Athenæum*, No. 1999. 242; *Geol. Mag.*, Dec. 1, III, 189—190.

—49. ——. 1875. The Geology and Races of India. *Edin. Review*, CXLI, 330—362.

—50. ——. 1876. Indian Geology. *Nature*, XV, 98—99.

—51. ——. 1900. Fifty years of Geological Survey in India. *Nature*, LXII, 105—106.

—52. INDIAN MINING. 1905. The Mining Industry of British India. *Journ. Soc. Arts*, LIII, 192—193.

—53. IRON. 1855. Papers regarding the forests and iron mines in Kumaon. *Sel. Rec. Govt. India*, VIII, Suppl.

—54. ——. 1874. The Native Iron Furnaces of Malabar and their Produce. *Coll. Guard.*, XXVII, 217-218.

—55. ——. 1881. Iron-making in India. *Ind. Forester*, VI, 202-211.

—56. ——. 1900. The Iron Ores of India. *Coll. Guard.*, LXXX, 1019-1021.

—57. ——. 1909. The Tata Iron Works. *Stahl u. Eisen*, XXIX, 1496-1499.

—58. IRRAWADDY. 1828. Sur les sources de l'Irrawaddy. *Journ. Asiat.*, Ser. 2, I, 247—248.

—59. JASPER. 1829. On Jasper from the Casia Hills. *Glean. Sci.*, I, 374.

—60. KANKAR. 1829. On the Production of Cancar. *Glean. Sci.*, I, 247—248.

NATIONAL ARCHIVES OF INDIA

Anon—*contd.*

35—61. KATHIAWAR. 1868. Geological Action on the South Coast of Kattiawar and in the Runn. *Trans. Bo. Geogr. Soc.*, XVIII, *Proc.* lviii—lxiii (from the *Bombay Saturday Review*, August 18, 1866).

—62. LADAK. 1825. Account of the Route to Ladak. *As. Journ.*, XIX, 629—633.

—63. LIME. 1822. Lime or Chunam, as manufactured at Bombay. *As. Journ.*, XIII, 424.

—64. MAGNESITE. 1902. The Salem Magnesite Quarries. *Quarry*, VII, 36.

—65. MARTABAN. 1827. Notice of the Cavern of the Sagat Rock, upon the Sagat Strait of the Sanloon or main river of Martaban. *Edin. Journ. Sci.*, VII, 58—59.

—66. METEORITES. 1815. Fall of Meteoric Stones in India, November 5, 1814. *Phil. Mag.*, XLVI, 155; *Bibl. Brit.*, LX, *Sci.*, 291—292.

—67. ——. 1819. Account of Meteoric Stones, Masses of Iron, and Showers of Dust, Red Snow, and other Substances, which have fallen from the Heavens, from the earliest period down to 1819. *Edin. Phil. Journ.*, I, 221—235.

68. ——. 1825. Fall of Meteoric Ball at Oriang in Malwah, January 17, 1825. *As. Journ.*, XX, 436—437.

—69. ——. 1837. [Ein Aerolithen-Regen zu Ende Novembers 1833 zu Kandahar in Indien gefallen.] *Neu. Jahrb. f. Min.*, 126 (from *Ann. d. Voyages*, June, 1834, 415—416).

—70. ——. 1857. Account of fall of Meteorites at Soojoulee in Bengal, 7th March, 1853. *Trans. Bo. Geogr. Soc.*, XIII, *Appendix* B, 4—5.

—71. MINERAL WATERS. 1801. An account of the Mineral Waters at Caunia. *As. Ann. Reg.*, II, *Chron.* 8.

—72. NEPAL. 1823. Journal of a Passage over the Mountains of Nepaul from the plains of Tirhoot to the Valley of Katmandoo. *Cal. Ann. Reg.*, Chap. V, 13—20.

NATIONAL ARCHIVES OF INDIA

Anon—*contd.*

35—73. PETROLEUM. 1890. Discovery of Mineral Oil in the Shèrani Hills. *Journ. Soc. Chem. Ind.*, IX, 777.

—74. POTTERY. 1842. Experiments made at the Honourable Company's Dispensary, Calcutta, to obtain common earthen Jars. *Cal. Journ. Nat. Hist.*, II, 606—609.

—75. REWAH FALLS. 1822. Journal of a Route to the Falls of Rewah. *As. Journ.*, XIV, 243—246; *Edin. Phil. Journ.*, VIII, 83—88.

—76. ——. 1824. Account of a Visit to the Falls of Rewah. *As. Journ.*, XVIII, 561—563.

—77. ——. 1828. Notice regarding the Falls of Rewah, and a remarkable Conical Hill at Myhur. *Edin. N. Phil. Journ.*, IV, 182—183.

—78. RUBY. 1893. [Notice of a valuable Ruby discovered in the Burma Ruby Mines.] *Nature*, XLVII, 586.

—79. ——. 1909. The Ruby Mines of Burma. *Journ. Soc. Arts*, LVIII, 62—63.

—80. SALT. 1821. [On the manufacture of Salt in Western India.] *As. Journ.*, XII, 450—451.

—81. ——. 1895. Salt Mines of the Punjab. *Journ. Soc. Arts*, XLIII, 258.

—82. TAVOY. 1842. Remarks on the Geology of Tavoy. *Cal. Journ. Nat. Hist.*, II, 359—367.

—83. TENASSERIM. 1833. List of specimens of rocks from the Tenasserim Archipelago. *Journ. A. S. B.*, II, 157.

—84. TIN. 1820. Memoir on the Tin of the Malay Peninsula, and of the Malay Islands. *As. Journ.*, IX, 33; *Journ. Roy. Inst.*, IX, 412—414.

—85. ——. 1826. Mines d'étain de Johor. *Bull. Soc. Philom.*, XVII, 166—167.

NATIONAL ARCHIVES OF INDIA

Anon—*concld.*

—86. TIN. 1914. The Tin Resources of Malaya and India. *Bull. Imp. Inst.*, XII, 278-290.

—87. YÜNNAN. 1912. The Mining Industries of Yünnan. *Journ. Soc. Arts*, LX, 227.

—88. ZINC. 1872. The Mines of Mewar. *Ind. Antiquary*, I, 63-64.

Ansted, D. T.

36—1. 1846. Notice of the Coal of India, being an Analysis of a Report communicated to the Indian Government on this subject. *Rep. Brit. Assoc.*, XVI, *Sections*, 63—65; *Min. Journ.*, XVI, 429.

—2. 1847. General Account of the Coal Districts of India. *Min. Journ.*, XVII, 183 (Abst., *Amer. Journ. Sci.*, Ser. 2, IV, 109—110).

Applegath, F.

37—1. 1862. On the Geology of a part of the Masulipatam District. *Quart. Journ. Geol. Soc.*, XIX, Pt. I, 32—35; *Phil. Mag.*, Ser. 4, XXIV, 492.

—2. 1868. Coal in the Kistnah District. *Min. Journ.*, XXXVIII, 306.

—3. 1872. Memorandum on the Probable Supply of Coal for Southern India. 8°, Calcutta.

—4. 1882. [On the supposed Kistna Coal.] *Journ. Soc. Arts*, XXX, 590—591.

Arber, E. A. Newall

38—1. 1901. Notes on Royle's Types of Fossil Plants from India. *Geol. Mag.*, Dec. 4, VIII, 546—549.

—2. 1902. On the distribution of the *Glossopteris* Flora. *Geol. Mag.*, Dec. 4, IX, 346—349.

NATIONAL ARCHIVES OF INDIA

Arber, E. A. Newall—*contd.*

38—3. 1905. Catalogue of the Fossil Plants of the Glossopteris Flora in the Department of Geology, British Museum (Natural History); being a monograph of the Permo-Carboniferous Flora of India and the Southern Hemisphere, 8°, pp. lxxiv and 255, London (Review, *Geol. Mag.*, Dec. 5, III, 135—137; *Nature*, LXXIII, 577—578, A. C. Seward; Abst., *Neu. Jahrb. f. Min.*, 1908, I, *Ref.*, 152—154, H. Salfeld).

Archer,——

39 . 1833. Tours in Upper India, and in parts of the Himalaya Mountains. 8°, 2 vols., London.

Arldt, Th.

40 . 1907. Die Grosse der alten Kontinente. *Neu. Jahrb. f. Min.*, I, 32—44.

Armstrong, G. C.

41 . 1838. [Letter forwarding specimens of minerals from Singboom.] *Journ. A. S. B.*, VII, 987.

Arsandaux, H.

42 .1909. Contribution à l'étude des latérites. *C. R. Ac. Sci.*, CXLIX, 682—685, 1082—1084: CL, 1698—1701 (Abst. *Zeits. f. Kryst.*, L, 292, LII, 181, V. M. Goldschmidt).

Ascoli, F. D.

43 . 1910. The Rivers of the Delta. *Journ. A. S. B.*, N. S., VI, 543—556.

——, *see* **Hirst, F. C., 840.**

Ashton, F.

.44 . 1900. The Salt Supply of Northern India (to which is appended a short description of Salt Manufacture in Bengal). *Agric. Ledger*, VII, No. 13, 119—141.

Ashton, *Sir* R. P.

45 . 1913. The Coal Industry of India. *Coll. Guard.*, CV, 329-330, 386-387.

NATIONAL ARCHIVES OF INDIA

Ashton, *Sir* R. P., *and* Greenwell, Allan.

46 . 1913. [Notes on the Jherria Coal-field.] *Trans. N. E. Inst. Min. Eng.*, LXIII, 221-224; *Trans. Inst. Min. Eng.*, XLV, 337-340.

Assam, Chief Commissioner of—

47—1. 1879. Record of the occurrence of Earthquakes in Assam during 1878. *Journ. A. S. B.*, XLVIII, Pt. 2, 48—55.

—2. 1881. List of Earthquakes recorded in Assam during the years 1879 and 1880. *Journ. A. S. B.*, L, Pt. 2, 61—67.

Atkinson, E. T.

48 . 1882. The Himalayan Districts of the North-Western Provinces of India, Vol. I (forming Vol. X of the Gazetteer, N.-W. P.). 8°, Allahabad. Chapter II—Physical Geography. III—Geology. IV—The Himalaya. VI—Economic Mineralogy.

Atkinson, W. S.

49 . 1859. [Report on the Collection of Meteorites in the possession of the Asiatic Society of Bengal.] *Journ. A. S. B.*, XVIII, 259—262.

Attwood, G.

50 . 1888. Notes on some of the Auriferous Tracts of Mysore Province, Southern India; with an Appendix by Prof. T. G. Bonney, D.Sc. *Quart. Journ. Geol. Soc.*, XLIV, 636—651 (Abst., *Geol. Mag.*, Dec. 3, V, 375—376; *Neu. Jahrb. f. Min.*, 1889, II, *Ref.*, 462; *Phil. Mag.*, Ser. 5, XXVI, 236).

Austen, H. H. Godwin, *see* **Godwin-Austen, H. H., 669.**

Aytoun, A.

51—1. 1854. Reports on the Geological Survey of the Belgaum Collectorate. *Trans. Bo. Geogr. Soc.*, XI, 1—16; *Western India*, 398—412.

—2. 1854. Geological Report on the Bagalkot, and part of the adjoining Talooks of the Belgaum Collectorate. *Trans. Bo. Geogr. Soc.*, XI, 30—59; *Western India*, 378—397.

NATIONAL ARCHIVES OF INDIA

Aytoun, A.—*contd.*

51—3. 1856. Geology of the Southern Concan. *Edin. N. Phil. Journ.*, N. S., IV, 67—84.

—4. 1863. On the Origin and Distribution of the Regur, or Black Cotton, soils of the Indian Peninsula. 8°, Edinburgh (*Printed for private circulation*).

B

B.—C.V.

52 . 1820. Method of making Steel in Mysore. *As. Journ.*, IX, 441—442.

B.—C.Z.

53 . 1889. The Maliwun Tin Mines (Mergui District). *Proc. Inst. C. E.*, XCVIII, 468—469.

Baber, T. H.

54—1. 1830. Geography of Malabar. *As. Journ.*, N. S., III, Pt. 1, 310—316.

—2. 1835. Gold Mines in Malabar. *Alex. E. I. Mag.*, X, 69—71 (Abst., *As. Journ.*, N. S., XVI, Pt. 2, 120—121).

Babington, B.

55 . 1819. Remarks on the Geology of the Country between Tellicherry and Madras. *Geol. Trans.*, Ser. 1, V, 328—339.

Babington, C. L.

56 . 1843. [Note on Iron Ores from Sumbalpore.] *Journ. A. S. B.*, XII, 163—164.

Babington, S.

57 . 1816. On the Island of Salsette. *Geol. Trans.*, Ser. 1, V, 1—3.

Bäckström, H.

58 . 1900. Über jungvulkanische Eruptiv gesteine aus Tibet. *Peterm. Mitth., Ergbd.*, XXVIII, No. 131, 375—378 (Abst. *Neu. Jahrb. f. Min.*, 1902, II, *Ref.* 236, E. Sommerfeldt).

NATIONAL ARCHIVES OF INDIA

Bäckström, H., *and* Johansson, H.

59 . 1904. Scientific Results of Sven Hedin's Journey in Central Asia, 1901-1902, VI, Pt. 2, Geology. 4°, 18 pp., Stockholm.

Baden-Powell, B. H.

60—1. 1868. Hand-book of the economic products of the Punjab, with a combined index and glossary of technical vernacular words. 8°, 2 vols., Roorkee and Lahore.

—2. 1879. The "Chos" of Hoshiarpur. *Sel. Rec. Punj. Govt.*, N. S., XV, 1—31.

Bailey, F. M.

61—1. 1912. Journey through a portion of South-Eastern Tibet and the Mishmi Hills. *Geogr. Journ.*, XXXIX, 334—347; *Scot. Geogr. Mag.*, XXVIII, 189—203.

—2. 1913. The Tsang-po. *Geogr. Journ.* XLIII, 87-88.

—3. 1914. Note on the Exploration of the Tsang-po. *Geogr. Journ.*, XLIII, 184-186.

—4. 1914. Exploration on the Tsangpo or Upper Brahmaputra. *Geogr. Journ.*, XLIV, 341-360; *Scot. Geogr. Mag.*, XXX, 561—582.

—5. 1914. Note on the Falls of the Tsang-Po. *Scot. Geogr. Mag.* XXX, 90—92.

Baily, W. H.

62 . 1859. On Tertiary Fossils of India. *Rep. Brit. Assoc.*, XXIX, *Sections*, 97—98 (*Abstract*).

Baird Smith, R., *see* **Smith, R. Baird, 1666.**

Baker,—

63 . 1848. Temperature of the hot springs at Peer Mungul, or Mungu, or Mungear. *Journ. A. S. B.*, XVII, Pt. 2, 230—232.

Baker, *Sir* S. W.

64 . 1855. Eight Years' Wanderings in Ceylon. 8°, 423 pp. London, 2nd Edn., 1874.

NATIONAL ARCHIVES OF INDIA

Baker, *Sir* W. E.

65—1. 1834. Description of the Fossil Elephant's Tooth from Sumrotee, near Nahun. *Journ. A. S. B.*, III, 638.

—2. 1835. On the Fossil Elk of the Himalaya. *Journ. A. S. B.*, IV, 506—507.

—3. 1835. Selected specimens of the Sub-Himalayan Fossils in the Dadupur Collection. *Journ. A. S. B.*, IV, 565—570.

—4. 1835. Note on the Fossil Camel of the Sub-Himalayas. *Journ. A. S. B.*, IV, 694—695 (Abst., *Neu. Jahrb. f. Min.*, 1838, 605; *Ann., Sci. Nat.*, Ser. 2, VII, *Zool.*, 62).

—5. 1837. [Note on the permeability of the Jumna Alluvium.] *Journ. A. S. B.*, VI, 54—55.

—6. 1840. Report on a line of levels taken by order of the Right Honourable the Governor General, between the Jumna and Sutlij rivers. *Journ. A. S. B.*, IX, 688—694.

—7. 1843. Note on a Fossil Antelope, from the Dadoopoor Museum. *Journ. A. S. B.*, XII, 769—771.

—8. 1846. Remarks on the Alla Bund, and on the drainage of the eastern part of the Scinde Basin, etc. *Trans. Bo. Geogr. Soc.*, VII, 186—188.

—9. 1850. Memoir on the Fossil Remains [Siwalik] presented ....to the Museum of Natural History at Ludlow. 12°, 26 pp., Ludlow.

—10. 1857. Report on the upper portion of the Eastern Narra, its sources of supply, and the feasibility of restoring it as a permanent stream. *Sel. Rec. Bo. Govt.*, XLV, 1—5.

Baker, *Sir* W. E., *and* Durand, *Sir* H. M.

66—1. 1836. Table of Sub-Himalayan Fossil Genera, in the Dadupur Collection. *Journ. A. S. B.*, V, 291—293, 486—504, 661—669, 739—741 (Abst., *Edin. N. Phil. Journ.*, XXIII, 216—217; *Phil. Mag.*, Ser. 3, XI, 33—36; *Ann. Sci. Nat.*, Ser. 2, VII, *Zool.*, 370—372).

NATIONAL ARCHIVES OF INDIA

Baker, *Sir* W. E., *and* Durand *Sir* H. M.—*contd.*

66—2. 1836. Fossil Remains of the smaller Carnivora from the Sub-Himalayas. *Journ. A. S. B.*, V, 579—584.

Baker, *Sir* W. E., *and* Oldham, T.

67 . 1853. Memorandum on the prospect of remuneration in working the Iron Mines of the Raneegunge District. *Journ. A. S. B.*, XXII, 484—491.

Balaji Rao, B.

68—1. 1908. Report on Prospecting for Corundum, Iron Ore, Lime Kankar and Magnesite in the Mysore District. *Rec. Mysore Geol. Dep.*, IX, 95—100.

—2. 1908. Report on Prospecting Blocks Nos. 17, 94, etc., in Shimoga District. *Rec. Mysore Geol. Dep.*, IX, 101—102.

—3. 1908. Report on the Inspection of Prospecting Blocks for Manganese and Gold in parts of Tumkur and Chitaldrug Districts. *Rec. Mysore Geol. Dep.*, IX, 103—107.

—4. 1910. Report on some Building and Ornamental Stones found in the Mysore State. *Rec. Mysore Geol. Dep.*, XI, 185—189.

—5. 1912. Report on the Geology of the country around the Cauvery Reservoir Dam Site near Kannambadi, Mysore District. *Rec. Mysore Geol. Dep.*, XII, Pt. 2, 143—153.

—6. 1913. Report on prospecting work to the East and South of Chikmagalur. *Rec. Mysore Geol. Dep.*, XIII, 139-149.

Balfour, E.

69—1. 1854. On the Marbles of the Madras Presidency. *Sel. Rec. Madras Govt.*, Ser. 1, II, 5—41.

—2. 1855. On the Iron Ores; the Manufacture of Iron and Steel, and the Coals of the Madras Presidency. 8°, 244 pp., Madras.

—3. 1855. Catalogue of the Government Central Museum, Madras, 8°, vii + 49 pp., Madras.

NATIONAL ARCHIVES OF INDIA

Balfour, E—*contd.*

69—4. 1855. The Geology of Madura, as illustrated by the specimens of its Rocks and Minerals collected .... by the Revd. C. F. Muzzy. *Report Govt. Cent. Mus. Madras* i—v, 1—15.

—5. 1856. Indian Ores and Iron and Steel in the Government Central Museum, Madras. *Report Govt. Cent. Mus. Madras*, App. No. 2, 19—21.

—6. 1857. Report upon the Government Central Museum and the Local Museums in the Provinces for the year 1855-56. *Sel. Rec. Madras Govt.*, N. S., XXXIX, 1—66.

—7. 1857. [On Materials from the Provinces of the Madras Presidency suited for grinding, sharpening and polishing.] *Sel. Rec. Madras Govt.*, N. S., XXXIX, 69—96.

—8. 1857. Cyclopædia of India and of Eastern and Southern Asia, Commercial, Industrial and Scientific; products of the Mineral, Vegetable and Animal Kingdoms, Useful Arts and Manufactures. 8°, Madras; *2nd Edn.*, 5 Vols. Madras (1871—73); *3rd Edn.*, 3 Vols., London (1885).

—9. 1859. Index to Geological Papers in the Madras Journal of Literature and Science. *Mad. Journ. Lit. Sci.*, N. S. V., 158—164.

Balfour, J. F.

70 . 1907. Features of the Malay Peninsula. *Journ. Soc. Arts* LV, 505—507.

Ball, Valentine

71—1. 1865. [On Stone Implements found in Bengal, 1865.] *Proc A. S. B.*, 127—128.

—2. 1867. The Ramgarh Coal-field. *Mem. G. S. I.*, VI, 109—135.

—3. 1867. [Note on Stone Implements found in Bengal.] *Proc. A. S. B.*, 143, 146—153.

—4 1868. [Note on some Stone Implements found in the District of Singhbhum.] *Proc. A. S. B.*, 177.

NATIONAL ARCHIVES OF INDIA

Ball, Valentine—*contd.*

71—5. **1869.** On the ancient Copper Mines of Singhbhum. *Proc. A. S. B.*, 170—175.

—6. **1869.** Notes on a Trip to the Nicobar and Andaman Islands (Part I, The Nicobars). *Proc. A. S. B.*, 250—252 (*Abstract*).

—7. **1869.** On the occurrence of Gold in the District of Singbhum. *Rec. G. S. I.*, II, 11—14.

—8. **1870.** On the occurrence of Argentiferous Galena and Copper in the district of Manbhum, south-west frontier of Bengal. *Rec. G. S. I.*, III, 74—76.

—9. **1870.** On the Copper of Dhalbhum and Singbhum. *Rec. G. S. I.*, III, 94—103 (Abst., *Geol. Mag.*, Dec. 1, VIII, 127).

—10. **1870.** Brief notes on the Geology and on the Fauna in the neighbourhood of Nancowry Harbour, Nicobar Islands. *Journ. A. S. B.*, XXXIX, Pt. 2, 25—37.

—11. **1870.** Notes on the Geology of the Vicinity of Port Blair, Andaman Islands. *Journ. A. S. B.*, XXXIX, Pt. 2, 231—239.

—12. **1870.** Remarks on stone implements in Singhbhum. *Proc. A. S. B.*, 268.

—13. **1871.** The Raigur and Hengir (Gangpur) Coal-field. *Rec. G. S. I.*, IV, 101—107.

—14. **1872.** The Chopé Coal-field. *Mem. G. S. I.*, VIII, 347—352.

—15. **1873.** The Bisrampur Coal-field. *Rec. G. S. I.*, VI, 25—41.

—16. **1873.** Barren Island and Narkondam. *Rec. G. S. I.* VI, 81—90.

—17. **1874.** On the discovery of a new locality for Copper in the Narbudda Valley. *Rec. G. S. I.*, VII, 62—63.

NATIONAL ARCHIVES OF INDIA

Ball, Valentine—*contd.*

71—18. 1874. On the Building and Ornamental Stones of India. *Rec. G. S. I.*, VII, 98—122.

—19. 1874. Geological notes made on a visit to the Coal recently discovered in the country of the Luni Pathans, south-east corner of Afghanistan. *Rec. G. S. I.*, VII, 145—158.

—20. 1874. On the Avifauna of the Chutia (Chota) Nagpur Division, South-West Frontier of Bengal. *Stray Feathers*, II, 355—440.

—21. 1875. The Raigarh and Hingir Coal-field. *Rec. G. S. I.*, VIII, 102—121.

—22. 1875. On some Stone Implements of the Burmese Type, found in Pargana Dalbhum, District of Singbhum, Chota-Nagpur Division. *Proc. A. S. B.*, 118—120.

—23. 1875. On the supposed Asiatic Origin of the primitive American Populations. *Ind. Antiquary*, IV, 117.

—24. 1876. On an ancient Kitchen-Midden at Chandwar, near Cuttack. *Proc. A. S. B.*, 120—121.

—25. 1876. On Stone Implements found in the Tributary States of Orissa. *Proc. A. S. B.*, 122—123.

—26. 1877. Geology of the Rajmahal Hills. *Mem. G. S. I.*, XIII, 155—248 (Abst., *Neu. Jahrb. f. Min.*, 1879, 946—947 ; *Journ. Sci.*, Ser. 2, VIII, 413).

—27. 1877. On the "Atgarh Sandstones" near Cuttack. *Rec. G. S. I.*, X, 63—68.

—28. 1877. On the Geology of the Mahanadi Basin and its Vicinity. *Rec. G. S. I.*, X, 167—186 (Abst., *Journ. Sci.*, Ser. 2, VIII, 421).

—29. 1877. On the Diamonds, Gold and Lead Ores, of the Sambalpur District. *Rec. G. S. I.*, X, 186—192.

NATIONAL ARCHIVES OF INDIA

Ball, Valentine—*contd.*

71—30. 1877. Remarks on the Abstract and Discussion of Dr. O. Feistmantel's paper entitled "Giant Kettles (pot-holes) caused by water-action in Streams in the Rajmahal Hills and the Barakur District." *Proc. A. S. B.*, 140—145.

—31. 1878. On the Origin of the Kumaun Lakes. *Rec. G. S. I.*, XI, 174—182.

—32. 1878. On the Aurunga and Hutar Coal-Fields and the Iron Ores of Palamow and Toree. *Mem. G. S. I.*, XV, 1—127.

—33. 1878. [Exhibition of stone implements from Parasnath Hill, District Hazaribagh.] *Proc. A. S. B.*, 125.

—34. 1878. On the New Geological Map of India. *Rep. Brit. Assoc.*, XLVIII, 532—533.

—35. 1878. On the Forms and Geographical distribution of Ancient Stone Implements in India. *Proc. R. I. Acad.*, Ser. 2, I, *Pol. Lit.*, 388—414 (Abst., *Rep. Brit. Assoc.*, XLVIII, 394—398).

—36. 1878. On Stilbite from veins in Metamorphic (Gneiss) Rocks in Western Bengal. *Journ. R. Geol. Soc. Ireland*, V, 114—115; *Proc. R. Dub. Soc.*, II, 121—122.

—37. 1879. On Spheroidal Jointing in Metamorphic Rocks in India, and elsewhere, producing a structure resembling glacial "Roches Moutonnées." *Journ. R. Geol. Soc. Ireland*, V, 193—198; *Proc. R. Dub. Soc.*, II, 341—346.

—38. 1879. On the Evidence in favour of the Belief in the existence of Floating Ice in India during the deposition of the Talchir (Permian or Permo-Triassic) Rocks. *Journ., R. Geol. Soc. Ireland*, V, 223—229; *Proc. R. Dub. Soc.*, II, 430—436.

—39. 1879. On the Coal-fields and Coal Production of India. *Journ. R. Geol. Soc. Ireland*, V, 230—257; *Proc. R. Dub. Soc.*, II, 496—523 (Abst. *Rep. Brit. Assoc.*, XLIX, 334—335; *Nature*, XX, 469).

NATIONAL ARCHIVES OF INDIA

Ball, Valentine—*contd.*

71—40. **1879.** On the Mode of Occurrence and Distribution of Gold in India. *Journ. R. Geol. Soc. Ireland,* V, 258—280; *Proc. R. Dub. Soc.,* II, 524—546.

—41. **1879.** On the Volcanoes of the Bay of Bengal. *Geol. Mag.,* Dec. 2, VI, 16—27 (Abst., *Neu. Jahrb. f. Min.,* 1879, 418—419, K. v. Fritsch).

—42. **1880.** On the Mode of Occurrence and Distribution of Diamonds in India. *Journ. R. Geol. Soc. Ireland,* VI, 10—48; *Proc. R. Dub. Soc.,* II, 551—589.

—43. **1880.** Jungle Life in India; or the Journeys and Journals of an Indian Geologist. 8°, 720 pp., London (Review, *Nature,* XXI, 373—376; *Geol. Mag.,* Dec. 2, VIII, 229—231, H. B. W.).

—44. **1881.** The Diamonds, Coal and Gold of India; their Mode of Occurrence and Distribution. 8°, London (Review, *Nature,* XXIV, 579—580, B. H.; *Journ. Sci.,* Ser. 3. IV, 609—611).

—45. **1881.** A Manual of the Geology of India. Part III.—Economic Geology. 8°, xx + 663 pp., Calcutta (Review, *Nature,* XXV, 508—510, 554—557).

—46. **1881.** Geology of the Districts of Manbhum and Singhbhum. *Mem. G. S. I.,* XVIII, 61—150.

—47. **1881.** On the Identification of certain Diamond Mines in India which were known to and worked by the Ancients, especially those which were visited by Tavernier, *Journ. A. S. B.,* L, Pt. 2, 31—44 (Abst., *Proc. A. S. B.,* 1881, 2—3).

—48. **1881.** Additional note on the identification of the ancient diamond mines visited by Tavernier. *Journ. A. S. B.,* L, Pt. 2, 219—223 (Abst., *Proc. A. S. B.,* 1881, 125).

—49. **1881.** On the Identification of certain localities mentioned in my paper on the Diamonds of India. *Journ. R. Geol. Soc. Ireland,* N. S., VI, 69—70; *Proc. R. Dub. Soc.,* III, 139—140.

NATIONAL ARCHIVES OF INDIA

Ball, Valentine—*contd.*

71—50. 1881. On the Identity of some Ancient Diamond Mines in India, especially those mentioned by Tavernier. *Nature*, XXIII, 490—491.

—51. 1881. [Exhibition of a stone implement of magnetic iron ore.] *Proc. A. S. B.*, 120—121.

—52. 1881. On the Origin of the so-called Kharakpur Meteorite *Proc. A. S. B.*, 140—142.

—53. 1882. On the Coal-bearing rocks of the Valleys of the Upper Rer and the Mand rivers in Western Chutia Nagpur. *Rec. G. S. I.*, XV, 108—121.

—54. 1882. The Mineral Resources of India and their development. *Journ. Soc. Arts*, XXX, 578—590 (Abst., *Journ. I. S. Inst.*, XIX, 414—416).

—55. 1882. On the Sources of the Salt Supply of India. *Rep. Brit. Assoc.*, LII, 530—531 ; *Nature*, XXVI, 468 (*Abstracts*).

—56. 1882. On the Identification of certain Ancient Diamond Mines in India. *Rep. Brit. Assoc.*, LII, 625 ; *Nature*, XXVI, 468 (*Abstracts*).

—57. 1882. On some Effects produced by Landslips and Movements of the Soil-Cap, and their resemblance to Phenomena which are generally attributed to other Agencies. *Journ. R. Geol. Soc. Ireland*, VI, 193—200 ; *Proc. R. Dub. Soc.*, IV, 1—8.

—58. 1883. On Recent Additions to our knowledge of the Gold-bearing Rocks of Southern India. *Journ. R. Geol. Soc. Ireland*, VI, 201—206 ; *Proc. R. Dub. Soc.*, IV, 33—38.

—59. 1883. A Geologist's Contribution to the History of Ancient India, being the Presidential Address to the Royal Geological Society of Ireland. *Journ. R. Geol. Soc. Ireland*, VI, 215—263 ; *Proc. R. Dub. Soc.*, IV, 69—116 ; *Ind. Antiquary*, XIII, 228—248.

NATIONAL ARCHIVES OF INDIA

Ball, Valentine—*contd.*

71—60. 1884. On the Mode of Occurrence of Precious Stones and Metals in India. *Rep. Brit. Assoc.*, LIV, 731—732; *Nature*, XXX, 528; *Geol. Mag.*, Dec. 3, I, 516—517 (*Abstracts*).

—61. 1885. On the newly discovered Sapphire Mines in the Himalayas. *Journ. R. Geol. Soc. Ireland*, VII, Pt. 1, 49—51; *Proc. R. Dub. Soc.*, IV, 393—395.

—62. 1886. The mineral resources of India and Burmah, being a lecture delivered at the Colonial and Indian Exhibition on the 5th June, 1886. *Min. Journ.*, LVI, 674—675; *Coll. Guard.*, LI, 942—943.

—63. 1886. Zinc and Zinc Ores, their Mode of Occurrence, Metallurgy, and History, in India; with a Glossary of Oriental and other titles used for Zinc, its Ores, and Alloys. *Journ. R. Geol. Soc. Ireland*, VII, Pt. 2, 152—162; *Proc. R. Dub. Soc.*, V, 321—331.

—64. 1886. Memoir of the Life and Work of Ferdinand Stoliczka, Ph.D. *Sci. Results, 2nd Yarkand Mission*, 4°, 36 pp., London.

—65. 1888. Note on ancient Stone Implements in India. *Proc. A. S. B.*, 192—194.

—66. 1888. The Volcanoes of Barren Island and Narcondam in the Bay of Bengal. *Geol. Mag.*, Dec. 3, V, 404—408 (Abst., *Neu. Jahrb. f. Min.*, 1889, II, *Ref.* 460—461, Oebekke).

—67. 1889. Travels in India of Jean Baptiste Tavernier Baron of Aubonne. Translated from the original French edition of 1676. 8°, 2 Vols., London (Review, *Nature*, XLI, 313—315, H. F. B.; *As. Quart. Rev.*, IX, 390—401, J. T. Wheeler).

—68. 1890. The Great Mogul's Diamond and the Koh-i-Nur. *Nature*, XLIII, 103.

—69. 1891. The Koh-i-Nur: a Reply. *Nature*, XLIV, 592—593; XLV, 126.

NATIONAL ARCHIVES OF INDIA

Ball, Valentine—*concld.*

71—70. 1893. The Volcanoes of Barren Island and Narcondam in the Bay of Bengal. *Geol. Mag.*, Dec. 3, X, 289—291.

—71. 1893. On the Volcanoes and Hot Springs of India, and the Folk-lore connected therewith. *Proc. R. I. Acad.*, Ser. 3, III, 151—169 (Abst., *Nature*, XLIX, 109; *Nat. Sci.*, IV, 88—89).

—72. 1894. A description of two large Spinel Rubies, with Persian Characters engraved upon them. *Proc. R. I. Acad.*, Ser. 3, III, 380—400.

———, *see* **Holland, *Sir* T. H., 859—25.**

———, *see* **Maltby, T. J., 1162.**

Ball, V., *and* Simpson, R. R.

72 . 1913. The Coalfields of India. *Mem. G. S. I.*, XLI, 1-147 + i—xliv.

Ballore, F. de Montessus de, *see* de Montessus de Ballore, 462.

Bamford, A. J.

73 . 1912. On the slow periodic movements of the Colombo Seismograph Pillar. *Beitr. z. Geophys.*, XI, Pt. 2, 212-226.

Banerji, Chandrasekhara

74 . 1877. The Kaimur Range. *Journ. A. S. B.*, XLVI, Pt. I, 16—36.

Baratta, M.

75 . 1897. Il grande terremoto indiano del 12 giugno 1897. *Boll. Soc. Geogr. Ital.*, Ser. 3, X, 265-270.

Barlow, *Rev.* J.

76 . 1858. On Mineral Candles and other Products manufactured [from Burmese petroleum] at Belmont and Sherwood. *Proc. Roy. Inst.*, II, 506-508.

Barnes, *Rev. Archdeacon*

77 . 1815. [Note on the Carnelians of Cambay.] *Geol. Trans.*, IV, 447—448.

NATIONAL ARCHIVES OF INDIA

Barnes, W. D.

78 . 1903. Notes on a trip to Gunong Benom in Pahang. *Journ. Str. As. Soc.*, XXXIX, 1—10.

Barns, J. W.

79—1. 1867. On the Subterranean Supply of Water in Beloochistan and the Hill Districts of Western Sind. *Journ. R. Geogr. Soc.*, XXXVII, 338—343.

—2. 1872. Notes on the Physical Geography of the Bhawalpore State. *Journ. R. Geogr. Soc.*, XLII, 390—408.

—3. 1875. Memorandum on Bahawalpur Artificial Hydraulic Cement. *Prof. Papers Ind. Eng.*, Ser. 2, IV, 142—143.

Barratt, J.

80—1. 1856. Report of the Survey of the Mineral Deposits in Kumaon. *Sel. Rec. Govt. India*, XVII, 62—81.

—2. 1856. On the Beerbhoom Iron Works. 8°, Calcutta (*printed privately*).

—3. 1858. Notes on Mining and Smelting in India. *Min. Journ.*, XXVIII, 713; XXX, 279.

Bartlett, H. E.

81 . 1900. The Iron Industry in Narsingpur District, Central Provinces. *Agric. Ledger*, VII, No. 14, 150—153.

Basevi, J. P.

82—1. 1865. On the Pendulum operations about to be undertaken by the Great Trigonometrical Survey of India; with a sketch of the theory of their application to the determination of the earth's figure, and an account of some of the principal observations hitherto made. *Journ. A. S. B.*, XXXIV, Pt. 2, 251—272.

—2. 1872. Account of the Island of Minicoy. *Journ. R. Geogr. Soc.*, XLII, 368—372; *Peterm. Mitth.*, XVIII, 295—297.

Bastian, A.

83—1. 1863. Über die Flüsse Birma's. *Peterm. Mitth.*, IX, 264—269.

NATIONAL ARCHIVES OF INDIA

Bastian, A.—*contd.*

83—2. 1866. Reise vom Irawaddi nach dem Sittang, im J. 1862, *Peterm. Mitth.*, XII, 125—127.

—3. 1866. Die Hydrographie Hinter-Indiens. *Peterm. Mitth.* XII, 450—462.

Bastin, E. S.

84 . 1912. The Graphite deposits of Ceylon. A Review of present knowledge with a Description of a similar graphite deposit near Dillon, Montana. *Econ. Geol.* VII, 419—443 (Abst., *Geol. Centralbl.*, XIX, 665—666).

Bate, *Rev.* J. D.

85 . 1877. Note on the Barisal Guns. *Ind. Antiquary*, VI, 307.

Batten, J. H.

86—1. 1838. Note of a visit to the Niti Pass of the grand Himalayan chain. *Journ. A. S. B.*, VII, 310—316 (Abst., *Jahrb. f. Min.*, 1841, 255; *Bibl. Univ.*, N. S., XXII, 402—404, I. M.).

—2. 1842. Captain Manson's Journal of a visit to Melum and the Oonta Dhoora Pass in Jawahir. *Journ. A. S. B.*, XI, 1157—1182.

—3. 1844. A few Notes on the subject of the Kumaon and Rohilcund Turaee. *Journ. A. S. B.*, XIII, 887—914.

—4. 1845. [On the Line of Perpetual Snow in the Himalaya.] *Cal. Journ. Nat. Hist.*, V., 383—388.

—5. 1851. Official Reports on the Province of Kumaon, with a Medical Report on the Muhamurree in Garhwal, in 1849-50. 8°, 467 pp., Agra

———, *see* **Herbert, J. D., 828.**

Battie, E.

87 . 1856. Survey Report of the Jumna River between Delhi and Agra. *Sel. Rec. Govt. N.-W. P.*, Pt. XXXIII, Art. 4, 38—40; N. S., IV, No. 2, 463—466.

NATIONAL ARCHIVES OF INDIA

Bauer, Max

88—1. 1895. On the Jadeite and other rocks from Tammaw in Upper Burma. *Rec. G. S. I.*, XXVIII, 91—105, *Trans.* by Dr. F. Noetling and H. H. Hayden; *Neu. Jahrb. f. Min.*, 1896, I, 18—51 (Abst., *Mineral. Mag.*, XI, 160; *Journ. Chem. Soc.*, LXX, Pt. 2, 311, L. J. S.).

—2. 1895. Durchsichtiger blauer Spinell von Ceylon. *Neu. Jahrb. f. Min.*, I, 281—283 (Abst., *Zeits. f. Kryst.*, XXVIII, 618—619, H. Traube).

—3. 1896. Jadeit von Tibet. *Neu. Jahrb. f. Min.*, I, 85—95 (Abst., *Mineral. Mag.*, XI, 241—242).

—4. 1896. Ueber das Vorkommen der Rubine in Birma. *Neu. Jahrb. f. Min.*, II, 197—238 (Abst., *Journ. Chem. Soc.* LXXII, Pt. 2, 179-180, L. J. S.; *Zeits. f. Kryst.*, XXX, 509—511, H. Traube).

—5. 1897. Chrysoberyllkrystall von Ceylon. *Neu. Jahrb. f. Min.*, II, 106—108 (Abst., *Zeits. f. Kryst.*, XXXI, 621, H. Traube).

—6. 1897. Das Vorkommen des Jadeits von Tibet. *Neu. Jahrb. f. Min.*, I, 258—259.

—7. 1898. Beiträge zur Geologie der Seyschellen, insbesondere zur Kenntniss des Laterites. *Neu. Jahrb. f. Min.*, II, 163—219.

—8. 1906. Weitere Mitteilungen über den Jadeit von Ober-Birma. *Centralbl.*, VII, 97—112 (Abst., *Zeits. f. Kryst.*, XLV, 651, E. Kaiser).

—9. 1907. Beitrag zur Kenntniss des Laterits, insbesondere dessen von Madagaskar. *Neu. Jahrb. f. Min., Festband*, 33—90 (Abst., *Geol. Centralbl.*, XI, 189—190, Berg; *Zeits. f. Kryst.*, XLVII, 382—386, E. Kaiser).

Bauerman, H.

89 1874. Report on the Iron Ores of India. *Gazette of India Suppl.*, 1457—1459, 1494—1496 (Abst., *Journ., I. S. Inst.*, VIII, 434—437).

NATIONAL ARCHIVES OF INDIA

Bayley, W. H.

90 . 1855. Memorandum on Salt. *Sel. Rec. Mad. Govt.*, Ser. 2, XVI, 1—61.

Beaumont, L. Elie de, *see* **de Beaumont, 446.**

Beavan R.

91 . 1880. Notes on the Country between Candahar and Girishk. *Proc. R. Geogr. Soc.*, N. S., II, 548—552 (Abst., *Rep. Brit. Assoc.*, XLIX, 445—446).

Becher, H. M.

92—1. 1892. The Gold-quartz Deposits of Pahang (Malay Peninsula). *Quart. Journ. Geol. Soc.*, XLIX, 84—88 (Abst., *Geol. Mag.*, Dec. 3, IX, 572; *Phil. Mag.*, Ser. 5, XXXV, 75—76).

—2. 1892. Mining in the Malay Peninsula. *Trans. Inst. Min. Met.*, I, 78—107, 131—141.

Becher, J.

93 . 1859. [Note on the Flooding of the Indus on August 10th, 1858.] *Journ. A. S. B.*, XXVIII, 219—228, 302.

Beckett, J. O'B.

94 . 1855. (1850). Report on the Iron Mines of Puttee Gowar, in Zillah Kumaon, and on the Iron and Copper Mines of Puttee Lobah, in Zillah Gurhwal. *Sel. Rec. Govt. N.-W. P.*, III, Art. X, 67—75; N. S., III, No. 4, 22—38.

Bedford, H.

95 . 1831. Extract from the Journal of Apothecary H. Bedford, deputed to Yenangyoung, in Ava, in search of Fossil Remains. *Glean. Sci.*, III, 168—170.

Bedford, J.

96—1. 1827. [Account of a journey to Brahma Kund.] *As. Journ.*, XXIII, 495—499 (Abst., *Edin. Journ. Sci.*, VII, 56—57; *Bull. Soc. Géogr.*, VII, 175—181, L. R.).

—2. 1842. [Report on Coal from the Caribari Hills, Assam.] *Coal Com. Rep.*, 1842, 97—98; *also Appendix* i-ii.

NATIONAL ARCHIVES OF INDIA

Behm, E.

97 . 1880. Der grosse tibetanische Fluss in seinem Laufe zum Brahmaputra. *Peterm. Mitth.*, XXVI, 14—18.

Beke, C. T.

98—1. 1834. On the Former Extent of the Persian Gulf, and on the comparatively recent Union of the Tigris and Euphrates. *Phil. Mag.*, Ser. 3, IV, 107—112.

—2. 1835. On the Historical and Geological Evidence of the Advance of the Land upon the Sea at the Head of the Persian Gulf; with some brief remarks on the Gopher-wood of Scripture. *Phil. Mag.*, Ser. 3, VI, 401—408; VII, 40—46; VIII, 506—515; IX, 34—42; XI, 66—68.

—3. 1856. On a Diamond Slab supposed to have been cut from the Koh-i-Noor. *Rep. Brit. Assoc.*, XXI, *Sections*, 44.

——, *see* **Carter, W. G., 289—1.**

Bell, H.

99—1. 1871. Masonry in a Trap Country *Prof. Papers Ind. Eng.*, Ser. 2, I, 162—173.

—2. 1889. The Great Indian Desert. *As. Quart. Rev.*, VIII, 117—131.

Bell, H. C. P.

100 . 1883. The Maldive Islands; an account of the Physical Features, Climate, History, etc. Fol., Colombo.

Bell, T. L.

101—1. 1852. On the Geology of the neighbourhood of Kotah, Deccan. *Quart. Journ. Geol. Soc.*, VIII, Pt. 1, 230—233; *Western India*, 303—307.

—2. 1853. Further Account of the Boring at Kotah, Deccan; and a notice of an Ichthyolite from that place. *Quart. Journ. Geol. Soc.*, IX, Pt. 1, 351—352; *Neu. Jahrb. f. Min.*, 1854, 640.

——, *see* **Owen, *Sir* R., 1353—3.**

NATIONAL ARCHIVES OF INDIA

Bellasis, F. S.

102 . 1911. Punjab Rivers and Works. Fol., Allahabad (Review, *Geogr. Journ.*, XXXVIII, 522-523, J. S. O.).

Bellew, H. W.

103—1. 1862. Journal of a Political Mission to Afghanistan, in 1857 .... with an account of the Country and People. 8°, 480 pp., London.

—2. 1873. Record of the march of the Mission to Seistan under the command of Major-General F. R. Pollock, C.S.I. *Sel. Rec. Govt. Ind.*, CIV, 1—161.

—3. 1875. Kashmir and Kashghar. A narrative of the journey of the Embassy to Kashghar in 1873—74. 8°, 419 pp., London.

Bengal Secretariat.

104 . 1900. The Iron Industry as carried on in Bengal and the Central Provinces. *Agri. Ledger*, VII, No. 14, 143—160.

Bennett, A.

105 . 1866. Rough notes of a visit to Daba, in Thibet, in August, 1865. *Proc. R. Geogr. Soc.*, X, 165—169.

Benson, C.

106 . 1889. An account of the Kurnool District, based on an analysis of statistical information relating thereto, and on personal observation. Fol., 188 pp., Madras (*Chapter I contains remarks on the geology and minerals*).

Benson, R.

107 , 1833. [On Fossil Bones from Jabalpur.] *Journ. A. S. B.*, II, 151.

Bentinck, A.

108—1. 1912. The Abor Expedition: Geographical Results. *Geogr. Journ.*, XLI, 97—114.

—2. 1913. The Tsang-Poland the Dihong. *Geogr. Journ.*, XLI, 499—500.

NATIONAL ARCHIVES OF INDIA

Benton, *Sir* J.

109 . 1913. Irrigation Works in India. *Journ. Soc. Arts*, LXI, 717-747 ; *Water*, XV, 143-154, 344.

Benza, P. M.

110—1. 1835. Geological Sketch of the Neilgherries (Nil-giri). *Journ. A. S. B.*, IV, 413—438 (Abst., *Bibl. Univ.*, N. S., VI, 178—182, I. M.; *Neu. Jahrb. f. Min.*, 1838, 713—715).

—2. 1836. Notes on the Geology of the Country, between Madras and the Neilgherry Hills, *viâ* Bangalore and *viâ* Salem. *Mad. Journ. Lit. Sci.*, IV, 1—27.

—3. 1836. Memoir on the Geology of the Neelgherry and Koondah Mountains. *Mad. Journ. Lit. Sci.*, IV, 241—299 (Abst., *Bull. Soc. Géol. France*, Ser. 1, XI, 270—271).

—4. 1837. Notes, chiefly Geological, of a Journey through the Northern Circars in the year 1835. *Mad. Journ. Lit. Sci.*, V, 43—70 ; *Vizagapatam Manual*, 1869, 29—36.

——, *see* **Carmichael, D. F., 285.**

——, *see* **Cole, R., 336—4.**

Berghaus, H.

111 . 1855. Geographisches Beschreibung des Pandschab oder Fünfstromlandes. *Peterm Mitth.*, I, 29—41.

Bernard, *Sir* C.

112 . 1868. Report on the Coal Resources and Production of the Central Provinces. *Sel. Rec. Govt. India*, LXIV, 8—28.

Bernoulli, J.

113 . 1786-1788. Description historique et géographique de l'Inde, qui présente en trois volumes, enrichis de 64 cartes et autres planches ; (1) La géographie de l'Indoustan, écrite en Latin, dans la pays même, par le Père Joseph Tieffenthaler. (2) Des Recherches historiques et chronologiques sur l'Inde, and la Description du Cours du Gange et du Gagra, avec une très grande Carte, par M. Auquetil du Perron. (3) La Carte générale de l'Inde, celles du Cours du Brahmapoutre, and de la Navigation intérieure du Bengale, avec des mémoires rélatifs à ces Cartes, publiés en Anglois, par M. Jacques Rennell. 4°, 3 vols., Berlin.

NATIONAL ARCHIVES OF INDIA

Bertrand, M.

114 . 1896. Essai de reconstitution de la Géographie des Temps Carbonifères. *Bull. Soc., Géol. France,* Ser. 3, XXIV, 24—25.

Berwerth, F.

115—1. 1905. Über Nephrit und Jadeit. *Tscherm. Mitth.,* XXIV, 228—240.

—2. 1906. Das Meteoreisen von Kodaikanal und seine Silikatausscheidungen. *Tscherm. Mitth.,* XXV, 179—198 (Abst., *Nature,* LXXIV, 444; *Zeits. f. Kryst.,* XLV, 425, W. Salomon).

Best, S.

116 . 1871. Report . . . on the Yelagary Hills in the Salem District. SHORTT'S *Hill Ranges of S. India,* Pt. 3, 50-54.

Bettendorff, A., *and* Wüllner, A.

117 . 1868. Specifische Wärme des Graphit von Ceylon. *Pogg. Ann.,* CXXXIII, 300.

Bettington, A.

118 . 1845. Memorandum on certain Fossils, more particularly a new Ruminant found at the Island of Perim, in the Gulf of Cambay. *Journ. R. As. Soc.,* VIII, 340—348 (Abst., *Cal. Journ. Nat. Hist.,* VI, 428—430; *Ann. Mag. Nat. Hist.,* Ser. 1, XVI, 137—139; *Bibl. Univ.,* Ser. IV, I, 124—125; *Neu. Jahrb. f. Min.,* 1845, 759—760).

Betts, C.

119 . 1833. Note on a Hot Spring at Pachete. *Journ. A. S. B.,* II, 46.

Beveridge, H.

120—1. 1876. Were the Sandarbans inhabited in ancient times? *Journ. A. S. B.,* XLV, Pt. I, 71—76.

—2. 1899. Babar's Diamond: was it the Koh-i-Nur? *As. Quart. Rev.,* Ser. 3, VII, 370—389.

NATIONAL ARCHIVES OF INDIA

Beyrich, E.

121—1. 1864. Über einige Trias-Ammoniten aus Asien. *Monatsb. k.-preuss. Akad. Wiss*, 59—70.

—2. 1866. Über einige Cephalopoden aus dem Muschelkalk der Alpen und über verwandte Arten. *Abhandl. k.-preuss. Akad. Wiss.*, 105—149; *Monatsb. k.-preuss. Akad. Wiss.*, 660—673.

—3. 1877. Über jurassische ammoniten von Mombassa. *Monatsb. k.-preuss. Akad. Wiss.*, 96—103.

Bialloblotzky, Fr.

122 . 1852. Ueber eine Reise nach Oriente. *Jahrb. k.-k. Geol. Reichsanst.*, III, 1 Heft, 204—206.

Biddulph, *Sir* M. A.

123—1. 1880. Pishin and the Routes between India and Candahar. *Proc. R. Geogr. Soc.*, N. S., II, 212—246.

—2. 1893. Chilas. *Geogr. Journ.*, I, 342—343.

Bidie, G.

124 . 1869. Effects of Forest Destruction in Coorg. *Journ. R. Geogr. Soc.*, XXXIX, 77—90 (Abst. *Proc. R. Geogr. Soc.*, XIII, 74—83).

Bigge, H.

125—1. 1837. [Letter announcing the discovery of Coal on the Kamrup river in Assam.] *Journ. A. S. B.*, VI, 243.

—2. 1841. Despatch from Lieut. H. Bigge, Assistant Agent, detached to the Naga Hills, to Capt. Jenkins, Agent to the Governor General, North-East Frontier. [Iron ore, hot springs, and limestone, near Golaghat.] *Journ. A. S. B.*, X, 129—136.

Bilgrami, Syed Ali

126 . 1899. The Iron Industry in the Territory of His Highness the Nizam of Hyderabad, Deccan. *Journ., I. S. Inst.*, LVI, 65—82 (Abst., *Imp. Inst. Journ.* V, 292).

NATIONAL ARCHIVES OF INDIA

Bion, H. S.

127 . 1913. The gold-bearing alluvium of the Chindwin River and Tributaries. *Rec. G. S. I.*, XLIII, 241—263.

Birch, E. W.

128 . 1910. My visit to Klian Intan [Malay Peninsula]. *Journ. Str. As. Soc.*, No. 54, 137—146.

Bird, G.

129 . 1820. [Account of a Meteorite which fell at Dooralla, 18th February, 1815.] *As. Journ.*, X, 82—83.

Bird, J.

130—1. 1834. A Statistical and Geological Memoir of the Country from Punah to Kittor, south of the Krishna River. *Journ. R. As. Soc.*, II, 65—80; *Mad. Journ. Lit. Sci.*, VI, 375—389.

—2. 1836. [Note on the Geology of the Dekhan.] *Mad. Journ. Lit. Sci.*, III, 145.

—3. 1844. [Fall of a Meteorite at Voolapilly, Rajahmundry district, on 4th November 1844.] *Mad. Journ. Lit. Sci.*, XIII, Pt. II, 164—165.

Birdwood, F.

131 . 1904. The Empire's Greatest Commercial Asset. *As. Quart. Rev.*, Ser. 3, XVIII, 44—72.

Birdwood, *Sir* G. C. M.

132 . 1880. The Industrial Arts of India. 8°, 2 Vols., London.

Bittner, A.

133—1. 1899. Himalayan Fossils.—Trias Brachiopoda and Lamellibranchiata. *Pal. Indica*, Ser. XV, III, Pt. 2, 1—76 (Abst. *Revue Pal.*, 1901, 15).

—2. 1899. Beiträge zur Palaeontologie, insbesondere der triadischen Ablagerungen centralasiatischer Hochgebirge. *Jahrb. k.-k. Geol. Reichsanst.*, XLVIII, 689—718 (Abst., *Revue Pal.* 1899, 157—158).

NATIONAL ARCHIVES OF INDIA

Black, C. E. D.

134—1. 1878. Afghanistan. *Geogr. Mag.*, V, 256—261; *Journ. Soc. Arts*, XXVII, 119—125.

—2. 1879. The Upper Course of the Brahmaputra River. *Rep. Brit. Assoc.*, XLIX, 433—434.

—3. 1883. The Upper Salween, or Lu-tze-kiang River. *Proc. R. Geogr. Soc.*, N. S., V, 664—667.

—4. 1886. Some geographical notes on the work of the Afghan Boundary Commission. *Scot. Geogr. Mag.*, II, 596—610.

—5. 1905. Baluchistan and its possibilities. *As. Quart. Rev.*, Ser. 3, XX, 10—18.

—6. 1908. The Trade and Resources of Tibet. *As. Quart. Rev.*, Ser. 3, XXVI, 87—104.

Black, J. A.

135 . 1905. [Analyses of Indian Coal.] *Coll. Guard.*, XC, 286.

Black, T.

136 . 1843. [Report on Lithographic Stone from Rewa.] *Journ. A. S. B.*, XII, 1120.

Blackburn, C. H.

137 . 1882. Experiments on the coal of Pind Dadan Khan, Salt Range, with reference to the production of Gas. *Rec. G. S. I.*, XV, 63.

Blacker, ————

138 . 1829. Note sur l'Himalaie. *Bull. Soc. Géogr.*, XII, 49—54.

Blackwell, J. H.

139 . 1857. Report of the Examination of the Mineral Districts of the Nerbudda Valley. *Sel. Rec. Bo. Govt.*, N. S., XLIV, 1—30.

NATIONAL ARCHIVES OF INDIA

Blagrave, ———

140—1. 1845. [Note on Earthquakes in Cutch, June 19 and 25, 1845.] *Journ. A. S. B.*, XIV, *Proc.*, cxviii.

—2. 1846. [Note on a Sulphur Deposit near Kurrachee.] *Journ. A. S. B.*, XV, *Proc.*, lxi.

Blainville, H. D. de, *see* **de Blainville, 447.**

Blake, G. S., *see* **Dunstan, W. R., 515.**

Blake, G. S., *and* Crook, T.

141 . 1909. Laterites from the Central Provinces of India. *Bull. Imp. Inst.*, VII, 278—285.

Blake, G. S., *and* Smith, G. F. Herbert

142—1. 1907. Baddeleyite from Ceylon. *Mineral. Mag.*, XIV, 378—384 (Abst., *Nature*, LXXV, 574; *Zeits. f. Kryst.*, XLVI, 630—631, H. L. Bowman; *Neu. Jahrb. f. Min.*, 1909, I, *Ref.* 179, v. Wolff).

—2. 1911. On varieties of Zirkelite from Ceylon. *Mineral. Mag.*, XVI, 309—316.

Blake, *Rev.* J. F.

143—1. 1897. On some Superficial Deposits in Cutch. *Quart. Journ. Geol. Soc.*, LIII, 223—224, *Abridged* (Abst., *Geol. Mag.*, Dec. 4, IV, 141—142; *Phil. Mag.*, Ser. 5, XLIII, 314—315).

—2. 1897. The Laccolites of Cutch and their Relations to the other Igneous Masses of the District. *Quart. Journ. Geol. Soc.*, LIV, 12—13, *Abridged* (Abst., *Geol. Mag.*, Dec. 4, IV, 331—332; *Nature*, LVI, 166—167; *Neu. Jahrb. f. Min.*, 1900, I, *Ref.* 237—238, W. Salomon; *Phil. Mag.*, Ser. 5, XLIV, 129—130).

Bland, W.

144 . 1836. Notes on Delhi Point, Pulo-Tinghie, etc., and on some Pelagic Fossil remains, found in the rocks of Pulo-Ledah. *Journ. A. S. B.*, V, 575—578.

NATIONAL ARCHIVES OF INDIA

Blane, G. R.

145 . 1823. Memoir on Sirmur. *Trans. R. As. Soc.*, I, 56—64.

Blane, W.

146 . 1787. Some Particulars relative to the Production of Borax. *Phil. Trans.*, LXXVII, 297—300; *Abridg.*, XVI, 282—284.

Blanford, H. F.

147—1. 1856. [Memorandum on a collection of Fossils from the Nummulitic Rocks of Scinde.] *Journ. A. S. B.*, XXV, 581—583.

—2. 1857. Notice of the occurrence of Crystalline Limestone in the District of Coimbatore. *Mad. Journ. Lit. Sci.*, N. S., III, 60—64.

—3. 1858. On the Geological Structure of the Nilghiri Hills (Madras). *Mem. G. S. I.*, I, 211—248.

—4. 1858. On the Geological age of Sandstones containing Fossil Wood, at Trivicary, near Pondicherry. *Mad. Journ. Lit. Sci.*, N. S., IV, 47—52, 155.

—5. 1859. [Discovery of the Remains of a gigantic Fossil Saurian in the Trichinopoly District.] *Mad. Journ. Lit. Sci.*, N. S., V, 172.

—6. 1861. The Fossil Cephalopoda of the Cretaceous Rocks of Southern India, Belemnitidæ-Nautilidæ. *Pal. Indica*, Ser. I, Pt. I, 1—40.

—7. 1861. Description of a Native Copper Mine and Smelting Works in the Mahanaddi Valley, Sikkim Himalaya. PERCY'S *Metallurgy*, Pt. I, 388—391.

—8. 1862. On the Cretaceous and other rocks of the South Arcot and Trichinopoly Districts, Madras. *Mem. G. S. I.*, IV, 1—220.

—9. 1863. On Dr. Gerard's collection of fossils from the Spiti Valley, in the Asiatic Society's Museum. *Journ. A. S. B.*, XXXII, 124—138.

NATIONAL ARCHIVES OF INDIA

Blanford, H. F.—*contd.*

147—10. 1863. Remarks on rude stone Monuments in Chutia Nagpur. *Proc. A. S. B.*, 130—131.

—11. 1864. Report on the Geology of Patraghatta Hill, near Colgong, with Analyses of Clays by G. Macdonald. 8°. Calcutta; *Rec. G. S. I.*, XXXVIII, 142—148.

—12. 1864. Note on a tank Section at Sealdah, Calcutta. *Journ. A. S. B.*, XXXIII, 154—158.

—13. 1864. [On a Fossil Amphibian from the Pachmari Hills.] *Journ. A. S. B.*, XXXIII, 336—338.

—14. 1864. [Note on supposed Spiti Fossils in the Oxford Museum.] *Journ. A. S. B.*, XXXIII, 576—579, 597—598.

—15. 1864. [Notes on Iron-smelting in Orissa.] PERCY'S *Metallurgy*, Pt. 2, 261—262.

—16. 1866. Prehistoric Man. No. 1.—On the early Stone-Age in Western Europe and India. 8°, 52 pp., Calcutta.

—17. 1868. Remarks on a Neolithic Celt found in Coorg. *Proc. A. S. B.*, 59—60.

—18. 1875. On the Age and Correlations of the Plant-bearing Series of India, and the former Existence of an Indo-Oceanic Continent. *Quart. Journ. Geol. Soc.*, XXXI, 519—542 (Abst., *Geol. Mag.*, Dec. 2, II, 134—135; *Phil. Mag.*, Ser. 4, L, 411; *Journ. Sci.*, Ser. 2, V, 274—275).

—19. 1875. Note on Mud-banks on the Malabar Coast. *Nature*, XI, 187.

—20. 1877. [Remarks on Himalayan Glaciers.] *Proc. A. S. B.*, 3—4.

—21. 1877. Note on the Question of the Glacial or Volcanic Origin of the Talchir Boulder-bed of India and the Karoo Boulder-bed of South Africa. *Quart. Journ. Geol. Soc.*, XXXIII, *Proc.*, 7—10; *Phil. Mag.*, Ser. 5, III, 235 (*Abstracts*).

NATIONAL ARCHIVES OF INDIA

Blanford, H. F.—*concld.*

147—22. 1881. Rudiments of Physical Geography for the use of Indian Schools, and a glossary of the technical terms employed. 8°, 9th Edn., 169 pp., London.

—23. 1884. [On some Effects of the Krakatoa Eruption.] *Proc. A. S. B.*, 54—56.

———, *see* **Blanford, W. T., 149, 150.**

———, *see* **Salter, J. W., 1547.**

———, *see* **Stoliczka, F., 1713.**

Blanford, W. T.

148—1. 1858. [Observations on the Geology of Orissa.] *Journ. A. S. B.*, XXVII, 291—292.

—2. 1859. On the Geological structure and Physical features of the Districts of Bancoorah, Midnapore and Orissa. *Mem. G. S. I.*, 1, 249—279.

—3. 1859. Note on the Laterite of Orissa. *Mem. G. S. I.*, I, 280—294.

—4. 1860. Report on the Beerbhoom Iron Works. Fol., Calcutta.

—5. 1860. On the rocks of the Damuda group, and their associates in Eastern and Central India, as illustrated by the re-examination of the Rániganj field. *Journ. A. S. B.*, XXIX, 352—358.

—6. 1862. Account of a visit to Puppadoung, an extinct volcano in Upper Burma. *Journ. A. S. B.*, XXXI, 215—226; *Rep. Brit. Assoc.*, XXXII, *Sections*, 69—70.

—7. 1863. On the Geological Structure and Relations of the Raniganj Coal-field, Bengal. *Mem. G. S. I.*, III, 1—195 (Abst., *Neu. Jahrb. f. Min.*, 1863, 858—859).

—8. 1864. Note on Iron-smelting in Burma. PERCY'S *Metallurgy*, Pt. 2, 270—273.

NATIONAL ARCHIVES OF INDIA

Blanford, W. T.—*contd.*

148—9. 1865. On the manner of occurrence of the Reptilian remains found in the Panchet beds of the Raniganj coal-field, and on the probable conditions existing at the time when these rocks were deposited. *Pal. Indica*, Ser. IV, I, i—iii.

—10. 1865. [Note on "Syepoorite."] *Journ. A. S. B.*, XXXIV, Pt. 2, 194.

—11. 1866. [Remarks on fossil wood from Ballygunge.] *Proc. A. S. B.*, 81.

—12. 1866. [Remarks on Agate Implements from Central India.] *Proc. A. S. B.*, 230—234.

—13. 1866. Report on the Pench River Coal-field, in Chindwarrah District, Central Provinces. *Gazette of India Suppl.*, 367—377.

—14. 1867. Note on the Geology of the neighbourhood of Lynyan and Runneekote, North-West of Kotree, in Sind. *Mem. G. S. I.*, VI, 1—15.

—15. 1867. On the Geology of a portion of Cutch. *Mem. G. S. I.*, VI, 17—38 (Abst. *Neu. Jahrb. f. Min.* 1868, 108).

—16. 1867. On the Traps and Inter-trappean beds of Western and Central India. *Mem. G. S. I.*, VI, 137—162.

—17. 1867. [Notes on Stone Implements found in Central India.] *Proc. A. S. B.*, 136—138, 144—145.

—18. 1868. On the Coal-Seams of the Tawa Valley, Baitool District, Central Provinces. *Rec. G. S. I.*, I, 8—11; *Sel, Rec. Govt. India*, LXIV, 31—35.

—19. 1868. On the Coal-Seams of the neighbourhood of Chanda. *Rec. G. S. I.*, I, 23—26 (Abst., *Geol. Mag.*, Dec. 1, VI, 17).

—20. 1868. Coal near Nagpur. *Rec. G. S. I.*, I, 26.

NATIONAL ARCHIVES OF INDIA

Blanford, W. T.—*contd.*

148—21. **1868.** Notes on route from Poona to Nagpur, *viâ* Ahmednuggar, Jalna, Loonar, Yeotmahal, Mungali and Hingunghat. *Rec. G. S. I.*, I, 60—65.

—22. **1869.** On the Geology of the Taptee and Nerbadda valleys and some adjoining Districts. *Mem. G. S. I.*, VI, i—xii +163—384.

—23. **1870.** Notes on the Lead Vein near Chicholi, Raipur District. *Rec. G. S. I.*, III, 44—45 (Abst., *Geol. Mag.*, Dec. 1, VII, 428; *Ind. Economist*, I, 363).

—24. **1870.** Report on the coal at Korba in the Bilaspur District. *Rec. G. S. I.*, III, 54—57 (Abst., *Geol. Mag.*, Dec. 1, VII, 429; *Ind. Economist*, II, 43—44).

—25. **1870.** Note on the occurrence of Coal east of Chhatisgarh in the country between Bilaspur and Ranchi. *Rec. G. S. I.*, III, 71—72; *Ind. Economist*, II, 43—44.

—26. **1870.** On Faults in Strata. *Geol. Mag.*, Dec. 1, II, 115—118.

—27. **1871.** Note on the plant-bearing Sandstones of the Godavari Valley, on the southern extension of Rocks belonging to the Kamthi Group to the neighbourhood of Ellore and Rajamandri, and on the possible occurrence of Coal in the same direction. *Rec. G. S. I.*, IV, 49—52.

—28. **1871.** Report on the progress and results of borings for Coal in the Godavari Valley near Dumagudem and Bhadrachalam. *Rec. G. S. I.*, IV, 59—66; *Mem. G. S. I.*, XVIII, 301—311; *Gazette of India Suppl.*, 1871, 1117—1123 (Abst., *Ind. Economist*, III, 45).

—29. **1871.** Additional note on the Plant-bearing Sandstones of the Godavari Valley. *Rec. G. S. I.*, IV, 82.

—30. **1871.** Description of the Sandstones in the neighbourhood of the first barrier on the Godavari, and in the country between the Godavari and Ellore. *Rec. G. S. I.*, IV, 107—115; V, 23—28.

NATIONAL ARCHIVES OF INDIA

Blanford, W. T.—*contd.*

148—31. 1871. Account of a visit to the Eastern and Northern Frontiers of Independent Sikkim, with notes on the Zoology of the Alpine and Sub-Alpine regions. *Journ. A. S. B.*, XL, Pt. 2, 367—420; *Proc. A. S. B.*, 1871, 167—170.

—32. 1871. [Exhibition of chipped quartzite implements from the Godavari.] *Proc. A. S. B.*, 179.

—33. 1872. Description of the Geology of Nagpur and its neighbourhood. *Mem. G. S. I.*, IX, 295—330 (Abst., *Neu. Jahrb. f. Min.*, 1874, 761).

34. 1872. Note on the Geological formations seen along the coasts of Biluchistan and Persia from Karachi to the head of the Persian Gulf, and on some of the Gulf Islands. *Rec. G. S. I.*, V, 41—45 (Abst., *Geol. Mag.*, Dec. 1, IX, 475—476).

—35. 1872. Sketch of the Geology of Orissa. *Rec. G. S. I.*, 56—65.

—36. 1872. Note on Maskat and Massandin on the East coast of Arabia. *Rec. G. S. I.*, V, 75—77.

—37. 1872. Sketch of the Geology of the Bombay Presidency. *Rec. G. S. I.*, V, 82—102.

—38. 1872. On the characters of the Rocks near Bombay, through which it is proposed to cut reversed syphons for the supply of water to the town, and the facilities and difficulties which may probably be presented. TULLOCH'S "*Water Supply of Bombay*," Appendix F., 238—244.

—39. 1873. On the Nature and Probable Origin of the Superficial Deposits in the Valleys and Deserts of Central Persia. *Quart. Journ. Geol. Soc.*, XXIX, Pt. I, 493—503 (Abst., *Phil. Mag.*, Ser. 4, XLVII, 461).

—40. 1873. On some Evidence of Glacial Action in Tropical India in Palæozoic (or the oldest Mesozoic) times. *Rep. Brit. Assoc.*, XLIII, *Sections*, 76 (*Abstract*).

NATIONAL ARCHIVES OF INDIA

Blanford, W. T.—*contd.*

148—41. 1873. On the Physical Geography of the Deserts of Persia and Central Asia. *Rep. Brit. Assoc.*, XLIII, *Sections*, 162—163 ; *Geol. Mag.*, Dec. 1, IX, 326—327 (*Abstracts*).

—42. 1873. On the Mineral Resources of India. *Journ. Soc. Arts*, XXI, 386—396 (Abst., *Journ. I. S. Inst.*, VII, 465—467).

—43. 1873. Note on Glaciers in Hindustan. *Nature*, IX, 63.

—44. 1875. Report on Water-bearing Strata of the Surat District. *Rec. G. S. I.*, VIII, 49—55.

—45. 1875. [Exhibition of flint-cores and flakes from Sakhar and Rohri on the Indus, Sind.] *Proc. A. S. B.*, 134—136.

—46. 1876. On the Geology of Sind. *Rec. G. S. I.*, IX, 8—22.

—47. 1876. Note on the Geological Age of certain Groups comprised in the Gondwana series of India, and on the evidence they afford of distinct Zoological and Botanical Terrestrial Regions in ancient epochs. *Rec. G. S. I.*, IX, 79—85.

—48. 1876. On the Physical Geography of the Great Indian Desert with especial reference to the former Existence of the Sea in the Indus Valley ; and on the Origin and Mode of Formation of the Sand-hills. *Journ. A. S. B.*, XLV, Pt. 2, 86—103 (Review, *Geol. Mag.*, Dec. 2, III, 508—511 ; Abst., *Proc. A. S. B.*, 1876, 141—142).

—49. 1876. Eastern Persia : Zoology and Geology. 'Goldsmid's *Eastern Persia*,' Vol. II, 8°, 516 pp., London.

—50. 1877. Geological Notes on the Great Indian Desert between Sind and Rajputana. *Rec. G. S. I.*, X, 10—21 (Abst., *Peterm. Mitth.*, XXIV, 195).

—51. 1877. Remarks on Dr. Feistmantel's Paper on the Gondwana Series (*Geol. Mag.*, Dec. 2, III, 481). *Geol. Mag.*, Dec. 2, IV, 189—190.

NATIONAL ARCHIVES OF INDIA

Blanford, W. T.—*contd.*

148—52. 1877. [Exhibition of pottery and stone implements from Makran.] *Proc. A. S. B.*, 157—160.

—53. 1877. [Notes on the geology of Broach District.] *Bombay Gazetteer*, II, 351—353.

—54. 1878. On the stratigraphy and homotaxis of the Kota-Maledi (Maleri) deposits. *Pal. Indica*, Ser. IV, I, Pt. 2, 17—23.

—55. 1878. The Palæontological relations of the Gondwana system: a reply to Dr. Feistmantel. *Rec. G. S. I.*, XI, 104—150 (Abst., *Geol. Mag.*, Dec. 2, V, 315—316; *Neu. Jahrb. f. Min.*, 1878, 670).

—56. 1878. On the Geology of Sind (second notice). *Rec. G. S. I.*, XI, 161—173.

—57. 1878. Geology of the Konkan. *Bombay*, 23—27.

—58. 1878. Geology of the North-Western Deccan. *Bombay*, 50—52.

—59. 1878. [Account of the Geology of Sind, with an exhibition of a Geological Map.] *Proc. A. S. B.*, 3—8.

—60. 1878. [Remarks on Earthquakes in India.] *Proc. A. S. B.*, 144—145.

—61. 1878. The Pikermi and Siwalik Faunas Pliocene, not Miocene. *Nature*, XVIII, 501.

—62. 1878. Scientific Results of the Second Yarkand Mission; based upon the collections and notes of the late Ferdinand Stoliczka, Ph.D.—Geology. 4°, 49 pp., Calcutta (Abst., *Neu. Jahrb. f. Min.*, 1879, 938—941; *Verh. k.-k. Geol. Reichsanst*, 1879, 81—83, W. Waagen).

—63. 1879. The Geology of Western Sind. *Mem. G. S. I.*, XVII, 1—196 (Abst., *Neu. Jahrb. f. Min.*, 1880, II, *Ref.*, 326—329).

NATIONAL ARCHIVES OF INDIA

Blanford, W. T.—*contd.*

148—64. 1879. [Progress of Indian Geology.] Presidential address, Asiatic Society of Bengal. *Proc. A. S. B.*, 39—49.

—65. 1879. [Exhibition of specimens of Hippuritic Limestone from Siahgai, South-East Afghanistan.] *Proc. A. S. B.*, 202.

—66. 1880. On the Geological Age and Relations of the Siwalik and Pikermi Vertebrate and Invertebrate Faunas. *Rep. Brit. Assoc.*, L, 577—579 (Abst. *Nature*, XXI, 449).

—67. 1880. The Himalayan Ranges. *Nature*, XXI, 442—443.

—68. 1880. The Geology of East-Central Africa and the Subterranean Forest in Bombay. *Nature*, XXIII, 145.

—69. 1881. The Great Plain of Northern India not an old Sea-basin. *Rep. Brit. Assoc.*, LI, 638—639 (Abst., *Nature*, XXIV, 473).

—70 1882. Report on the proceedings and results of the International Geological Congress of Bologna. *Rec. G. S. I.*, XV, 64—76.

—71. 1882. Report on the Pench River coal-field in Chhindwara District, Central Provinces. *Rec. G. S. I.*, XV, 121—137.

—72. 1882. Note on the Coal of Mach (Much) in the Bolan Pass, and of Sharag or Sharigh on the Harnai route between Sibi and Quetta. *Rec. G. S. I.*, XV, 149—153.

—73. 1883. Geological Notes on the Hills in the neighbourhood of the Sind and Punjab Frontier between Quetta and Dera Ghazi Khan. *Mem. G. S. I.*, XX, v—ix+105—240 (Review, *Geol. Mag.*, Dec. 3, I, 371—373; Abst., *Peterm. Mitth.*, XXXI, 153, A. Supan).

—74. 1883. Remarks on the Geology of Kachh in relation to that of Sind and Kattywar. *Pal. Indica*, Ser. XIV, I, Pt. 4, 1—3.

NATIONAL ARCHIVES OF INDIA

Blanford, W. T.—*contd.*

148–75. 1884. Homotaxis, as illustrated from Indian formations: Presidential Address, British Association, Section C. *Rep. Brit. Assoc.*, LIV, 691—711; *Nature*, XXX, 440—445; *Rec. G. S. I.*, XVIII, 32—57.

—76. 1884. On the Classification of Sedimentary Strata. *Geol. Mag.*, Dec. 3, I, 318—321.

—77. 1886. Report on the International Geological Congress of Berlin. *Rec. G. S. I.*, XIX, 13—22.

—78. 1886. On Additional Evidence of the Occurrence of Glacial Conditions in the Palæozoic Era, and on the Geological Age of the Beds containing Plants of Mesozoic Type in India and Australia. *Quart. Journ. Geol. Soc.*, XLII, 249—263 (Abst., *Geol. Mag.*, Dec. 3, III, 232—233; *Nature*, XXXIII, 574; *Phil. Mag.*, Ser. 5, XXI, 448—449).

—79. 1886. Notes on a Smoothed and Striated Boulder from a Pre-tertiary Deposit in the Punjab Salt Range. *Rep. Brit. Assoc.*, LVI, 630—631; *Geol. Mag.*, Dec. 3, III, 494—495, 574.

—80. 1887. Note on a character of the Talchir boulder beds. *Rec. G. S. I.*, XX, 49.

—81. 1888. Note sur la Classification des Roches de l'Inde Brittannique. *Compte Rendu, III Congrès géol. intern.*, Berlin, 81—84.

—82. 1889. The International Geological Congress, London, 1888. Anniversary Address, Geological Society of London, 1889. *Proc. Geol. Soc.*, 1888-89, 50—57; *Rec. G. S. I.*, XXII, 173—187.

—83. 1890. [The Permanence of Ocean Basins.] Anniversary Address, Geological Society of London, 1890. *Quart. Journ. Geol. Soc.*, XLVI, *Proc.* 59—110 (Abst., *Amer. Journ. Sci.*, Ser. 3, XL, 254—255).

NATIONAL ARCHIVES OF INDIA

Blanford, W. T.—*contd.*

148—84. 1891. Note on the Age and Ancient Glaciers of the Himalayas. *Geol. Mag.*, Dec. 3, VIII, 209—210, 372—375 (Abst., *Neu. Jahrb. f. Min.*, 1892, II, *Ref.* 281, H. Behrens).

—85. 1892. The Age of the Himalayas. *Geol. Mag.*, Dec. 3, IX, 161—168 (Abst., *Neu. Jahrb. f. Min.*, 1893, I, *Ref.*, 319, H. Behrens).

—86. 1894. Note on the Gohna Lake. *Nature*, L, 596.

—87. 1895. The Burmese Chipped Flints Pliocene, not Miocene. *Nature*, LI, 608.

—88. 1895. The Southern Carboniferous Flora. *Nature*, LII, 595.

—89. 1896. On the papers by Dr. Kossmat and Dr. Kurtz, and on the ancient Geography of "Gondwana-land." *Rec. G. S. I.*, XXIX, 52—59 (Abst., *Nature*, LIV, 373).

—90. 1899. [On evidence of glaciation in the Dwyka Beds, South Africa.] *Quart. Journ. Geol. Soc.*, LVI, *Proc.*, iii; *Phil. Mag.*, Dec. 5, XLIX, 156.

—91. 1900. The Distribution of Vertebrate Animals in India, Ceylon, and Burma. *Phil. Trans.*, CXCIV-B, 335—436. *Proc. Roy. Soc.*, LXVII, 484—492 (Abst., *Geol. Mag.*, Dec. 4, VIII, 421).

—92. 1901. Report on the International Geological Congress, Paris, 1900. *Mem. G. S. I.*, XXX, 225—230.

—93. 1903. Note on the supposed locality "Salgranees," whence Dr. J. E. Gray's type-specimens of Indian Jurassic Ammonites were said to have been obtained. *Proc. Malac. Soc., Lond.*, V, 345.

—94. 1904. Ancient Kitchen-midden in the Andamans. *Rec. G. S. I.*, XXXI, 45—46.

NATIONAL ARCHIVES OF INDIA

Blanford, W. T.—*concld.*

148—95. 1905. H. B. Medlicott, M.A., F.R.S. [Obituary Notice]. *Rec. G. S. I.*, XXXII, 233—241.

———, *see* **Alcock, A. W., 20—2.**

———, *see* **Kurtz, F., 1018.**

———, *see* **Medlicott, H. B., 1198.**

Blanford, W. T. *and* **H. F.**

149 . 1892. A Palæozoic Ice Age. *Nature*, XLVII, 101.

Blanford, W. T. *and* **H. F.,** *and* **Theobald, W.**

150 . 1856. On the Geological Structure and Relations of the Talcheer Coal-field, in the District of Cuttack. *Mem. G. S. I.*, I, 33—89.

Blanford, W. T., *and* **Hume, A. O.**

151 . 1879. Notes on the useful Minerals of Rajputana. *Rajputana Gazetteer*, I, 13—19.

Blaserna, P.

152 . 1897. The Calcutta Earthquake of 12th June 1897. *Nature*, LVI, 346.

Blau, S.

153 . 1873. Kaliglimmer aus Bengalen (Analysis). *Mineral. Mitth.*, III, 32; *Jahrb. k. k. Geol. Reichsanst.*, XXIII, Pt. 2, 32.

Bleeck, A. W. G.

154—1. 1907. Die Jadeitlagerstätten in Upper Burma. *Zeits. f. prakt. Geol.*, XV, 341—365 (Abst. *Zeits. f. Kryst.*, XLVII, 401—403, E. Kaiser; *Neu. Jahrb. f. Min.*, 1909, I, *Ref.*, 185—188, v. Wolff; *Geol. Centralbl.*, XI, 290, Ahlburg).

—2. 1908. Rubies in the Kachin Hills, Upper Burma. *Rec. G. S. I.*, XXXVI, 164—170 (Abst., *Zeits. f. Kryst.*, XLVIII, 681, H. L. Bowman).

NATIONAL ARCHIVES OF INDIA

Bleeck, A. W. G.—*contd.*

154—3. 1908. Jadeite in the Kachin Hills, Upper Burma. *Rec. G. S. I.*, XXXVI, 254—285 (Abst., *Zeits. f. Kryst.*, XLVIII, 681—682, H. L. Bowman).

—4. 1913. On some Occurrences of Wolframite Lodes and Deposits in the Tavoy District of Lower Burma. *Rec. G. S. I.*, XLIII, 48—73.

—5. 1915. Contributory Notes to the Economic Geology and the Results of Petroleum Borings on the Minbu Oilfield. *Trans. Min. Geol. Inst. Ind.*, IX, 61-73.

Blewett, J.

155 . 1876. The Production of Straits Tin. *Min. Journ.*, XLVI 845.

Blochmann, H.

156—1. 1868. Remarks on the Sundarban. *Proc. A. S. B.*, 266—268.

—2. 1869. Note on the fall of a Meteorite at Jullundur, in April A.D. 1621, according to the Iqbalnamah-i-Jehangiri. *Proc. A. S. B.*, 167—168.

—3. 1873. Contributions to the Geography and History of Bengal. (Muhammadan Period).—Pt. 1, Geographical. *Journ. A. S. B.*, XLII, Pt. 1, 209—244.

Blume, ———

157 1850. Fortsetzung seiner Reise auf dem Salween oder Saluen und der Beschreibung der Höhlen an dessen Ufern. *Monatsb. Verh. Gesell. f. Erdk.*, N. S., VII, 226—239.

Blundell, E. A., *and* Richardson, D.

158 . 1836. An account of some of the Petty States lying north of the Tenasserim Provinces; drawn up from the Journals and Reports of D. Richardson, Esq. *Journ. A. S. B.*, V, 601—625, 688—707 (Abst., *Bibl. Univ.*, N. S., XXII, 267—273, I. M.).

NATIONAL ARCHIVES OF INDIA

Blunt, J. T.

159 . 1801. Narrative of a Route from Chunargarh, to Yertnagoodum, in the Ellore Circar. *As. Res.*, VII, 57—169; *As. Ann. Reg.*, II, *Misc. Tracts*, 128—200.

Blyth, E.

160 . 1842. [Note on Fossil Mammalia from the Siwaliks.] *Journ. A. S. B.*, XI, 103 (Abst., *Ann. Mag. Nat. Hist.*, Ser. 1, XI, 78—79; *Neu. Jahrb. f. Min.*, 1845, 128).

Blyth, T. R., *see* **Hayden, H. H., 793**—23.

Bodding, *Rev.* P. O.

161—1. 1901. Ancient stone implements in the Santal Parganas. *Journ. A. S. B.*, LXX, Pt. 3, 17—22.

—2. 1904. Shoulder-headed and other forms of stone implements in the Santal Parganas. *Journ. A. S. B.*, LXXIII, Pt. 3, 27—31.

Boeck, K.

162 . 1900. Indische Gletscherfahrten. Reisen und Erlebnisse im Himalaya. 8°, 470 pp., Stuttgart (Abst., *Peterm. Mitth.*, XLVII, *Litt.*, 48—49, C. Diener).

Boehm, G.

163 . 1899. Ueber einige Fossilien aus Buchara. *Zeits. deutsch. Geol. Gesell.*, LI, 465—470.

Bogdanowitch, Ch.

164—1. 1888. Türkisgruben von Maaden bei Nischapur in Persien. *Zeits. f. Kryst.*, XVIII, 630 (from *Gornyj. Journ.*, IV, 330).

—2. 1890. Beiträge zur Geologie des mittleren Asiens. *Verh. russ.-k. Min. Ges.*, Ser. 2, XXVI, 1-192.

—3. 1891. Note préliminaire sur les observations géologiques, faites dans l'Asie centrale. *Bull. Soc. Géol. France*, Ser. 3, XIX, 699—701.

—4 1892. Die Fundorte des Nephrits im Kuenlün. *Verh. russ.-k. Min. Ges.*, Ser. 2, XXIX, 153-162.

NATIONAL ARCHIVES OF INDIA

Bogle, A.

165—1. 1841. [Note on Petroleum in Ramree I.] *Cal. Journ. Nat. Hist.*, I, 562.

—2. 1842. Memorandum on Soils from the Islands of Ramree and Akyab, and the Province of Arracan. *Journ. Agri. Hort. Soc. India*, I, 109-110.

—3. 1844. [Account of an eruption off False Island, Ramree.] *Journ. A. S. B.*, XIII, *Proc.*, xxxv.

—4. 1844. On the Appearance of a New Volcanic Island on the Arrakan Coast. *Cal. Journ. Nat. Hist.*, IV, 455.

—5. 1845. [Note on a supposed sub-marine Eruption off the coast of Arrakan.] *Journ. A. S. B.*, XIV, *Proc.*, xxviii—xxix.

Bogle, G., *see* **Markham,** *Sir* **C. R., 1173—9.**

Boguslawski, G. *von*.

166 . 1854. [Notes on some Indian Meteorites.] *Pogg. Ann., Erganzb.*, IV, 16, 22, 33, 366, 370, 382, 396.

Boileau, J. T.

167 . 1830. Observations on the Sandstones of the Quarries near Agra, and Results of Experiments made thereon. *Glean. Sci.*, II, 158—160.

Bolton, C. W.

168 . 1898. Report on the Earthquake of 12th June 1897 in Bengal. *Calcutta Gazette, Suppl.*, June 5, 1898.

Bonney, *Rev.* T. G.

169—1. 1888. Note on Specimens from Mysore, collected by G. Attwood, Esq. *Quart. Journ. Geol. Soc.*, XLIV, 651—653.

—2. 1893. The Exploration of the Glacial Region of the Karakoram Mountains. *Rep. Brit. Assoc.*, LXIII, 564—566.

—3. 1908. Fluctuations in Himalayan Glaciers. *Nature*, LXXVII, 201—202.

NATIONAL ARCHIVES OF INDIA

Bonney, *Rev.* T. G., *and* Raisin, *Miss* C. A.

170 . 1894. On Rocks and Minerals collected by Mr. W. M. Conway in the Karakoram-Himalayas. *Proc. Roy. Soc.*, LV, 468—487; CONWAY'S *Karakoram-Himalayas, Sci. Reports*, 41—73.

Bose, Aloke.

171 . 1914. Recent developments of the Iron and Steel Industry in India. *Journ. I. S. Inst.*, LXXXIX, 528-542.

Bose, Kishen Kant

172 . 1865. Account of Bootan. 8°, 20 pp., Calcutta.

Bose, P. N.

173—1. 1879. Undescribed Fossil Carnivora from the Siválik Hills in the collection of the British Museum. *Quart. Journ. Geol. Soc.*, XXXVI, 119—136 (Abst., *Geol. Mag.*, Dec. 2, VII, 89; *Neu. Jahrb. f. Min.*, 1883, I, *Ref.* 306—307, W. W.).

—2. 1880. Notes on the History and Comparative Anatomy of the Extinct Carnivora. *Geol. Mag.*, Dec. 2, VII, 202—207, 271—279.

—3. 1881. Undescribed Fossil Carnivora from the Siwalik Hills in the collection of the British Museum. *Rec. G. S. I.*, XIV, 263—267.

—4. 1882. Notes on some earthen pots found in the alluvium at Mahesvara (Mahesar). *Journ. A. S. B.*, LI, Pt. I, 226—229; *Proc.*, 105.

—5. 1884. Geology of the Lower Narbadda Valley between Nimawar and Kawant. *Mem. G. S. I.*, XXI, 1—72 (Abst., *Peterm. Mitth.*, XXXI, 320—321, A. Supan).

—6. 1884. Note on Lignite near Raipur, Central Provinces. *Rec. G. S. I.*, XVII, 130—131 (Abst., *Journ. I. S. Inst.* XXIV, 663).

—7. 1887. The Iron Industry of the Western Portion of the District of Raipur. *Rec. G. S. I.*, XX, 167—170.

NATIONAL ARCHIVES OF INDIA

Bose, P. N.—*contd.*

173—8. 1888. Notes on the Igneous rocks of the Districts of Raipur and Balaghat, Central Provinces. *Rec. G. S. I.*, XXI, 56—61.

—9. 1888. The Manganese-iron and Manganese-ores of Jabalpur. *Rec. G. S. I.*, XXI, 71—89.

—10. 1888. Notes on some Mica-traps from Barakar and Raniganj. *Rec. G. S. I.*, XXI, 163—165.

—11. 1889. The Manganiferous Iron and Manganese Ores of Jabalpur. *Rec. G. S. I.*, XXII, 216—226.

—12. 1890. The Darjeeling Coal between the Lisu and the Ramthi Rivers, explored during season 1889—90. *Rec. G. S. I.*, XXIII, 237—258 (Abst., *Proc. Inst. C. Eng.*, CIV, 395—396, B. H. B.; *Journ. I. S. Inst.*, XXXIX, 287—290; *Neu. Jahrb. f. Min.*, 1894, I, *Ref.* 494—495, K. Futterer, *Peterm. Mitth.*, XXXVII, *Litt.*, 39, A. Supan).

—13. 1890. Rudiments of Physical Geography (প্রাকৃতিক ইতিহাস অর্থাৎ প্রাকৃতিক-ভূগোল বিষয়ক পাঠ). 8°, 123 pp., Calcutta. (*Published in Bengali.*)

—14. 1891. Extracts from the Journal of a trip to the Glaciers of the Kabru, Pandim, etc. *Rec. G. S. I.*, XXIV, 46—68 (Abst., *Ann. Géol. Univ.*, VIII, 547—549, G. Ramond).

—15. 1891. Further note on the Darjeeling Coal Exploration. *Rec. G. S. I.*, XXIV, 212—217.

—16. 1891. Notes on the Geology and Mineral Resources of Sikkim. *Rec. G. S. I.*, XXIV, 217—230 (Abst., *Peterm. Mitth.*, XL, *Litt.*, 43, Liebetrau; *Ann. Géol. Univ.*, VIII, 546—547, G. Ramond).

—17. 1893. Note on Granite in the districts of Tavoy and Mergui. *Rec. G. S. I.*, XXVI, 102—103.

—18. 1893. Notes on the Geology of a part of the Tenasserim Valley with special reference to the Tendau-Kamapying Coal-field. *Rec. G. S. I.*, XXVI, 148—164 (Abst., *Journ. I. S. Inst.*, XLV, 413—414, 448—449; *Min. Journ.*, LXIV, 299; *Coll. Guard.*, LXVIII, 173; *Peterm. Mitth.*, XL, *Litt.*, 104, A. Supan; *Ann. des Mines*, Ser. 9, V, 274—276).

NATIONAL ARCHIVES OF INDIA

Bose, P. N.—*concld.*

173—19. **1904.** Report on the Um-Rileng Coal-beds, Assam. *Rec. G. S. I.*, XXXI, 35—37 (Abst., *Bull. Imp. Inst.*, II, 186).

—20. **1904.** Notes on the Geology and Mineral Resources of Mayurbhanj. *Rec. G. S. I.*, XXXI, 167—173 (Abst., *Journ. I. S. Inst.*, LXVII, 532).

—21. **1906.** Notes on the Geology and Mineral Resources of the Narnaul District (Patiala State). *Rec. G. S. I.*, XXXIII, 55—61.

—22. **1906.** Notes on a boring in the Tertiary deposits of Mayurbhanj. *Rec. G. S. I.*, XXXIV, 42—44.

—23. **1908.** Note on the Geology and Mineral Resources of the Rajpipla State. *Rec. G. S. I.*, XXXVII, 167—190 (Abst., *Peterm. Mitth.*, LVI, Pt. 1, 166, E. Wagner).

Boswell, J. A. C.

174 . **1873.** A Manual of the Nellore District in the Presidency of Madras. 8°, 863 pp., Madras. Chapter III, Geology and Soils, compiled from notes by Messrs. C. Æ. Oldham and C. Rundall. Chapter IV, Mineralogy.

Bosworth-Smith, P.

175—1. **1889.** Report on the Kolar Gold Field and its Southern Extension, in which the Auriferous Rocks are traced from the Mysore State into the Madras Presidency. Fol. 52 pp., Madras.

—2. **1913.** Report on the Woolagiri Block (Nanjangud Mine). *Rec. Mysore Geol. Dep.*, XIII, 157—169.

Bosworth-Smith, R.

176 . **1890.** Catalogue of Minerals, Ores and Rocks [in the Government Central Museum, Madras]; with a note on Meteorites, of which the fall in Southern India has been recorded. 8°, 104 pp., Madras.

NATIONAL ARCHIVES OF INDIA

Bott, W.

177—1. 1891. The Thermal Springs of Selangor and Malacca. *Journ. Str. As. Soc.*, XXIV, 43—62.

—2. 1891. The alleged discovery of Mercury in Malacca. *Journ. Str. As. Soc.*, XXIV, 79—82.

Boué, Ami

178 . 1833. [Notes sur la Géologie de l' Indostan.] *Bull. Soc. Géol. France*, III, lx—lxiii; *Neu. Jahrb. f. Min.*, 1836, 412—413.

Bourne, G. C.

179 . 1888. The Atoll of Diego Garcia and the Coral Formations of the Indian Ocean. *Proc. Roy. Soc.*, XLIII, 440—461.

Bourne, J.

180 . 1876. Note on Iron-smelting in India. *Proc. Phil. Soc. Glasgow*, IX, 326.

Bournon, *Comte* **de,** *see* **de Bournon, 448.**

Bowman, H. L.

181 . 1909. On the identity of Poonahlite with Mesolite. *Mineral. Mag.*, XV, 216—223 (Abst., *Nature*, LXXIX, 448; *Neu. Jahrb. f. Min.*, 1910, II, *Ref.* 190—191, K. Busz).

Bowman, H. L., *and* Clarke, H. E.

182—1. 1908. On the structure and composition of the Chandakapur meteoric stone. *Mineral. Mag.*, XV, 350—376 (Abst. *Journ. Chem. Soc.*, XCVIII, Pt. 2, 783—784, L. J. S.; *Neu. Jahrb. f. Min.*, 1912, I, *Ref.* 45—46, v. Wolff; *Zeits. f. Kryst.*, LII, 90—91, St. Kreutz).

—2. 1910. On the composition of a stone from the meteoric shower which fell at Dokáchi, Bengal, on October 22, 1903. *Mineral. Mag.*, XVI, 35—46 (Abst., *Journ. Chem. Soc.*, C, Pt. 2, 616—617, L. J. S.; *Nature*, LXXXII, 477).

Bowring, L.

183—1. 1850. Descriptive notice of the District of Jhelum. *Journ. A. S. B.*, XIX, 43—64.

NATIONAL ARCHIVES OF INDIA

Bowring, L.—*contd.*

183—2. 1865. [Notes on meteorites which fell in the Mudoor Taluk, Mysore, 21st September 1865.] *Proc. A. S. B.*, 195—199.

Boyes, W. E.

184 . 1843. [Note on fossils from the neighbourhood of Melum.] *Journ. A. S. B.*, XII, 521.

Braddell, T.

185 . 1853. Notes of a trip to the interior from Malacca. *Journ. Ind. Archipelago*, VII, 73—104.

Braddock, J.

186—1. 1834. [Presentation of geological specimens from S. India.] *Journ. A. S. B.*, III, 194.

—2. 1840. Examination of certain Minerals from the Kapputgode hills. *Mad. Journ Lit. Sci.*, XI, 48—51.

Bradley, W. H.

187—1. 1846. Some account of the Topography and Climate of Chikaldah, situated on the Table Land of the Gawil Range. *Trans. Bo. Geogr. Soc.*, VII, 167—185.

—2. 1849. Statistics of the Circar of Dowlutabad. *Mad. Journ. Lit. Sci.*, XV, 481—551.

—3. 1850. Statistics of the Sircar of Pytun. *Mad. Journ. Lit. Sci.*, XVI, 235—379.

—4. 1853. Notice of a native Carbonate of Soda found in the territory of the Nizam, India. *Pharm. Journ.*, XII, 515—516.

Branfill, B. R.

188—1. 1869. Notes on the Tinevelly District. Fol., Dehra Doon.

—2. 1878. Physiographical Notes, etc., on Tanjore (Tanjá-úr). *Journ. A. S. B.*, XLVII, Pt. 2, 179—190.

—3. 1885. Notes on the Physiography of Southern India. *Proc. R. Geogr. Soc.*, N. S., VII, 719—735 (Abst., *Rep. Brit. Assoc.*, LV, 1124—1126; *Peterm. Mitth.*, XXXII, *Litt.* 35).

NATIONAL ARCHIVES OF INDIA

Branson, C.

189 . 1870. Artesian Well sinking at Umballah. *Prof. Papers Ind. Eng.*, Ser. 1, VII, Extra No., 106—110.

Brauns, R.

190 . 1906. Sapphir von Ceylon und von Australien. *Neu. Jahrb. f. Min.*, 1, 41—51 (Abst., *Zeits. f. Kryst.*, XLV, 633—634, E. Kaiser).

Bredemeyer, W.

191 . 1874. Geology of Upper Burmah, Khan and West China. *Min. Journ.*, XLIV, 463.

Breton, P.

192—1. 1825. Description of the animals and reptiles met with in the Districts of Ramgur, Surgoojah, and Sumbhulpore, and of the principal mineral Productions of these Provinces. *Trans. Med. Phys. Soc. Calcutta*, II, 247—274.

—2. 1827. Account of the Diamond Workings and Diamonds of Sumbhulpore. *Edin. Journ. Sci.*, VII, 134—140; *Froriep's Notizen.*, XVIII, 145—150.

Brett, H. A.

193 . 1861. [Earthquake in the Shevaroy Hills, 4th March, 1861.] *Mad. Journ. Lit. Sci.*, N. S., VI, 139—141.

Brewster, *Sir* D.

194—1. 1826. Account of a Volcano in the Himalayah Mountains (communicated by a correspondent in India). *Edin. Journ. Sci.*, IV., 209—211; *Bull. Soc. Géogr.*, VII, 45—47; *As. Journ.*, XX, 88, 437; *Glean. Sci.*, I, 338.

—2. 1833. Observations relative to the Structure and Origin of the Diamond. *Geol. Trans.* Ser. 2, III, 455—459: *Proc. Geol. Soc.*, I, 466 (*Abstract*).

—3. 1834. Notice respecting a remarkable Specimen of Amber [from Ava]. *Rep. Brit. Assoc.*, IV, 574; *Proc. Roy. Soc. Edinb.*, V, 350; *Neu. Jahrb. f. Min.*, 1837, 708; *Journ. f. prakt. Chem.*, VI, 96—97.

NATIONAL ARCHIVES OF INDIA

Brezina, A.

195—1. 1878. [On the fall of a meteorite at Dhulia, Bombay Presidency, in November 1877.] *Mineral. Mag.*, II, 244—245.

—2. 1880. Vorläufiger Bericht über neue oder wenig bekannte Meteoriten. 6.—Kalumbi, Präsidentschaft Bombay, Ostindien, gefallen am 4. November 1879. *Sitz. k. Akad. Wiss.*, LXXXII, *Abth.* 1, 352.

Bridges, H. F.

196 . 1908. Hunza and Nagar Glaciers. *Rec. G. S. I.*, XXXVII, 221.

Briggs, D.

197—1. 1847. [Account of a supposed volcanic outburst in a hill in the Seonee District.] *Journ. A. S. B.*, XVI, 380—381.

—2. 1856. Report on the Operations connected with the Hindostan and Thibet Road, from 1850 to 1855. *Sel. Rec. Govt. India*, XVI, 1—35.

Briggs, J.

198 . 1844. [On Boulders in India.] *Mad. Journ. Lit. Sci.*, XIII, Pt. 2, 188—189.

Brodie, A. O.

199—1. 1847. On the Manufacture of Salt by Solar evaporation—with a special reference to the methods adopted in the Chilaw and Putlam Districts of Ceylon. *Journ. Ceyl. As. Soc.*, I, Pt. 2, 105—114.

—2. 1853. Statistical account of the Districts of Chilaw and Puttalam, North-Western Province, Ceylon. *Journ. Ceyl. As. Soc.*, II, Pt. 2, 32—58.

—3. 1858. Topographical and Statistical Account of the District of Nuwarakaláwiya [Ceylon]. *Journ. Ceyl. As. Soc.*, III, Pt. 1, 136—161.

Bromly, A. H.

200 . 1896. Notes upon Gold-Mining in Burma. *Trans. N. E. Inst. Min. Eng.*, XLVI, 122—129, 143—144; *Trans. Inst. Min. Eng.*, XII, 506—513; XIII, 153—154 (Abst., *Journ. Soc. Chem. Ind.*, XVI, 443, A. S.).

NATIONAL ARCHIVES OF INDIA

Brongniart, Ad.

201 . 1845. Sur les relations du genre *Nöggerathia* avec les plantes vivantes. *Ann. Sci. Nat.*, Ser. 3, V, *Bot.*, 50—61.

Brooke, H. J.

202 . 1831. On Poonahlite, a new Species of Mineral, etc. *Phil. Mag.*, Ser. 2, X, 110.

Brooke, J. C.

203—1. 1850. Notes on the Zinc Mines of Jawar. *Journ. A. S. B.*, XIX, 212—215.

—2. 1864. The mines of Khetree in Rajputana. *Journ. A. S. B.*, XXXIII, 519—529.

Broome, A., *and* Cunningham, A.

204 . 1841. Abstract Journal of the Route of Lieutenants A. Broome and A. Cunningham, to the sources of the Punjab rivers. *Journ. A. S. B.*, X, 1—6.

Brough, B. H.

205 . 1898. On Indian Coals at the Imperial Institute. *Nature*, LVIII, 380.

Broughton, F.

206—1. 1857. On the Transition of Trap into Laterite. *Journ. Bo. As. Soc.*, V, 639—641.

—2. 1857. Description of an Earthquake which took place in the Kolhapoor Country in July 1853; with observations upon the Geological changes therewith connected. *Journ. Bo. As. Soc.*, V, 677—678 (*Abstract*).

Broun, J. Allan

207—1. 1856. [On Earthquakes in Travancore.] *Mad. Journ. Lit. Sci.*, N. S., I, 109—114.

—2. 1857. Accounts of an Earthquake in Travancore, 11th August 1856. *Trans. Bo. Geogr. Soc.*, XIII, *Appendix C.*, 7—9.

—3. 1860. On Magnetic Rocks in South India. *Rep. Brit. Assoc.*, XXX, *Sections*, 24—27.

—4. 1860. On the Velocity of Earthquake Shocks in the Laterite of India. *Rep. Brit. Assoc.*, XXX, *Sections*, 74—75.

NATIONAL ARCHIVES OF INDIA

Brown, C. Barrington, *and* Judd, J. W.

208 . 1895. The Rubies of Burma and associated Minerals: their mode of Occurrence, Origin, and Metamorphoses. A contribution to the history of Corundum. *Phil. Trans.*, CLXXXVII—A, 151—228 (Abst., *Proc. Roy. Soc.*, LVII, 387—394; *Mineral. Mag.*, XI, 232—233; *Journ. Chem. Soc.*, LXX, Pt. 2, 32—33, L. J. S.; *Amer. Journ. Sci.*, Ser. 4, I, 64—70; *Neu. Jahrb. f. Min.*, 1896, II, *Ref.* 408—412, M. Bauer; *Zeits., f. Kryst.*, XXX, 86—87, H. A. Miers).

Brown, F. D. M.

209 . 1867. Brick-making near Roorkee. *Prof. Papers Ind Eng.*, Ser. I, IV, 158—165.

Brown, J.

210 . 1915. Laying out a Pit Bottom for an Indian Colliery. *Trans. Min. Geol. Inst. Ind.*, IX, 107—112.

Brown, J. Coggin

211—1. 1909. Recent accounts of the Mud Volcanoes of the Arakan Coast, Burma. *Rec. G. S. I.*, XXXVII, 264—279.

—2. 1909. Stone Implements from the Têngyüeh District, Yünnan Province, Western China (with a short account of the beliefs of the Yünnanese regarding these objects). *Journ. A. S. B.*, N. S., V, 299—305.

—3. 1912. Report on certain Gold-bearing Deposits of Möng Long Hsipaw State, Northern Shan States, Burma. *Rec. G. S. I.*, XLII, 37—51.

—4. 1912. Supposed Eruption of a Mud Volcano in the Straits of Cheduba, Arakan Coast, Burma. *Rec. G. S. I.*, XLII, 54—56.

—5. 1912. A Geological Reconnaissance through the Dihong Valley, being the Geological Results of the Abor Expedition, 1911-12. *Rec. G. S. I.*, XLII, 231—253.

—6. 1912. Eruption of a submarine Mud Volcano off Sandoway, Arakan Coast, Burma. *Rec. G. S. I.*, XLII, 278.

NATIONAL ARCHIVES OF INDIA

Brown, J. Coggin—*contd.*

211—7. 1912. Fiery eruption of a Mud Volcano on Foul Island, Arakan Coast, Burma. *Rec. G. S. I.*, XLII, 279.

—8. 1912. [Exhibition of Stone Implements from Yünnan.] *Journ. A. S. B.*, N. S., VIII, *Proc.*, cxxxv.

—9. 1912. Some Factors governing the Accurate Valuation and the successful Exploitation of Gold-bearing Alluvials in Burma. *Trans. Min. Geol. Inst., Ind.*, VI, 209—212.

—10. 1913. Contributions to the Geology of the Province of Yünnan in Western China. I.—The Bhamo Têng-yüeh Area. *Rec. G. S. I.*, XLIII, 173—205.

—11. 1913. The Banswal Aerolite. *Rec. G. S. I.*, XLIII, 237—240.

—12. 1914. The Burma Earthquakes of May 1912. *Mem. G. S. I.*, XLII, 1—147.

—13. 1914. Contributions to the Geology of the Province of Yünnan in Western China. IV.—The Country around Yünnan Fu. *Rec. G. S. I.*, XLIV, 85—122.

—14. 1914. Grooved Stone Hammers from Assam and the Distribution of Similar Forms in Eastern Asia. *Journ. A. S. B.*, N. S., X, 107—109.

—15. 1914. Further Descriptions of Stone Implements from Yünnan. *Journ. A. S. B.*, N. S., X, 265—274.

—16. 1915. Three New Indian Meteorites; Kuttippuram, Shupiyan and Kamsagar. *Rec. G. S. I.*, XLV, 209—225.

——, *see* **Annandale, N., 33.**

——, *see* **Cotter, G. de P., 373—1, 2.**

——, *see* **La Touche, T. H. D., 1035.**

NATIONAL ARCHIVES OF INDIA

Brown, J. Coggin, *and* Reed, F. R. Cowper

212 . 1913. Contributions to the Geology of the Province of Yünnan in Western China. III.—Notes on the Stratigraphy of the Ordovician and Silurian Beds of Western Yünnan. With provisional Palæontological Determinations by F. R. Cowper Reed, M.A., F.G.S. *Rec. G. S. I.*, XLIII, 327—334.

Brown, Myles

213 . 1898. Coal Mining in India. *Coll. Guard.*, LXXV, 399.

Brown, R. N. Rudmore

214 . 1907. The Mergui Archipelago: its People and Products. *Scot. Geogr. Mag.*, XXIII, 463—483.

Brown, T. E. B.

215 . 1864. [Notes on the composition of Reh.] *Sel. Rec. Govt. India*, XLII, 68—70.

Browne, H. A.

216 . 1906. The Yünnan Expedition of 1875, and the Chefoo Convention. *As. Quart. Rev.*, Ser. 3, XXI, 114—135, 346—354; XXII, 82—96; XXIV, 119—150, 336—358.

Brownlow, H. A.

217 . 1870. Reports on the means and advisability of manufacturing Artificial Hydraulic Cements in the North-Western Provinces of India. *Prof. Papers Ind. Eng.*, Ser. 1, VII, 400—412.

——, *see* **Nielly, A., 1306.**

Brownlow, H. A., *and* Dejoux, P.

218 . 1872. Notes on the proposed manufacture of Hydraulic Cements in India. *Prof. Papers Ind. Eng.*, Ser. 2, I, 604—621.

Bruce, *Hon.* C. G.

219—1. 1910. Twenty Years in the Himalaya. 8°, 335 pp. London (Review, *Geogr. Journ.*, XXXVII, 303—304).

—2. 1913. Kulu and Lahoul. 8°, 307 pp., London.

NATIONAL ARCHIVES OF INDIA

Bruhus, W., *and* Bücking, H.

220 . 1904. Beitrag zur Kenntniss der Laterite. *Centralbl.*, V, 467—471.

Bryce, J. Annan

221 . 1886. Burma: the Country and People. *Proc. R. Geogr. Soc.*, N. S., VIII, 481—501.

Buchanan-Hamilton, Francis

222—1. 1807. A journey from Madras through the countries of Mysore, Canara, and Malabar. 4°, 3 vols., London.

—2. 1819. Description of the Diamond Mine of Panna. *Edin. Phil. Journ.*, I, 49—54.

—3. 1819. An account of the Kingdom of Nepal, and of the Territories annexed to this Dominion by the House of Gorkha. 4°, 365 pp., Edinburgh.

—4. 1820. Account of a Map of the Countries subject to the King of Ava, drawn by a slave of the King's Eldest Son. *Edin. Phil. Journ.*, II, 89—95, 262—271.

—5. 1820. Account of the Mines or Quarry of Corundum in Singraula. *Edin. Phil. Journ.*, II, 305—307.

—6. 1820. Account of a Map of the Route between Tartary and Amarapura, by an Ambassador from the Court of Ava, to the Emperor of China. *Edin. Phil. Journ.*, III, 32—42.

—7 1821. Account of a Map of the country north from Ava. *Edin. Phil. Journ.*, IV, 76—86.

—8. 1821. Account of a Map constructed by a Native of Taunu, of the country south from Ava. *Edin. Phil. Journ.* V, 75—84.

—9. 1822. Account of a Map of the Country between the Erawadi and Khiænduæn Rivers. *Edin. Phil. Journ.*, VI, 107—111.

NATIONAL ARCHIVES OF INDIA

Buchanan-Hamilton, Francis—*contd.*

222—10. 1822. Account of a Map by a Slave to the Heir-apparent of Ava. *Edin. Phil. Journ.*, VI, 270—273.

—11. 1822. An Account of a Map of the Vicinity of Paukgan, or Pagan. *Edin. Phil. Journ.*, VII, 230—239.

—12. 1823. Account of a Map drawn by a native of Dawæ or Tavay. *Edin. Phil. Journ.*, IX, 228—236.

—13 1824. An account of a Map of Koshanpri [Position of Ruby-mines]. *Edin. Phil. Journ.*, X, 246—250.

—14. 1824. Account of a Map of the Kingdom of Pegu. *Edin. Journ. Sci.*, I, 267—274.

—15. 1825. An Account of the Frontier between Part of Bengal and the Kingdom of Ava. *Edin. Journ. Sci.*, II, 48—58.

—16. 1825. An Account of the Frontier between Ava and the Part of Bengal adjacent to the Karnaphuli River. *Edin. Journ. Sci.*, III, 32—44.

—17. 1825. An Account of the Frontier between the Southern part of Bengal and the Kingdom of Ava. *Edin. Journ. Sci.*, III, 201—212; IV, 22—36.

—18. 1830. Of Springs and Wells in the Bhagalpúr District. *Glean. Sci.*, II, 67—68.

—19. 1831. On the Minerals of the Rajmahal Cluster of Hills. *Glean. Sci.*, III, 1—8, 33—39.

Büchner, E. H.

223 . 1906. The Composition of Thorianite, and the Relative Radioactivity of its Constituents. *Proc. Roy. Soc.*, LXXVIII—A, 385—391.

Buchner, O.

224—1. 1864. [Notes on the Parnallee and Dacca Meteorites.] *Pogg. Ann.*, CXXII, 320—321, 326.

NATIONAL ARCHIVES OF INDIA

Buchner, O.—*contd.*

224—2. 1865. [Notes on some Indian Meteorites.] *Pogg. Ann.*, CXXIV, 576—587.

Buck, *Sir* E. C.

225—1. 1886. Statistical Atlas of India. Chapter I.—Physical Configuration, 7—8.

—2. 1907. The applicability to India of the Italian Method of utilizing Silt. *Journ. Soc. Arts*, LV, 734—748.

Bücking, H., *see* **Bruhus, W., 220.**

Buckland, *Rev.* W.

226—1. 1828. Geological Account of a Series of Animal and Vegetable Remains and of Rocks, collected by J. Crawfurd, Esq., on a Voyage up the Irawadi to Ava, in 1826 and 1827. *Geol. Trans.*, Ser. 2, II, 377—392; CRAWFURD'S *Embassy to Ava*, 1st Edn., 78—88; 2nd Edn., 143—162 (Abst., *Proc. Geol. Soc.*, II, 71—73; *Glean. Sci.*, I, 184—186; *Ann. Sci. Nat.*, XIV, 283—287; *Ann. Storia Nat.*, I, 54—58).

—2. 1828. Supplementary Remarks on the supposed Power of the Waters of the Irawadi, to convert Wood to Stone. *Geol. Trans.*, Ser. 2, II, 403—404; *Edin. N. Phil. Journ.*, VI, 67—70.

—3. 1836. [Note on the *Sivatherium*.] *Proc. Ashm. Soc.*, I, No. XI, 21.

—4. 1837. [On a Collection of Fossil Bones from the Sub-Himalayan Mountains presented to the Ashmolean Society by Lt.-Col. Stacy.] *Proc. Ashm. Soc.*, I, No. XIV, 1—4.

Buckman, S. S.

227. 1915. The Brachiopoda of the Namyau Beds of Burma:—Preliminary Notice. *Rec. G. S. I.*, XLV, 75—81 (Abst. *Revue Pal.*, XIX, 113—114, M. Cossmann).

NATIONAL ARCHIVES OF INDIA

Buist, G.

228—1. **1843.** Note on a Set of Specimens from Aden. *Journ. Bo. As. Soc.*, I, 344—345.

—2. **1843.** Note on a Series of Persian Gulf Specimens. *Journ. Bo. As. Soc.*, I, 345—346.

—3. **1850.** On the General Vibration, or Descent and Upheaval, which seems, at a recent Geological period, to have occurred all over the Northern Hemisphere. *Journ. A. S. B.*, XIX, 302—309; *Edin. N. Phil. Journ.*, L, 322—329.

—4. **1850.** Notices of the most remarkable Meteors in India of the fall of which accounts have been published. *Trans. Bo. Geogr. Soc.*, IX, 197—230.

—5. **1850.** [Remarks on the Physical Geography of Western India.] *Trans. Bo. Geogr. Soc.*, IX, *Proc.*, lxxviii—cix.

—6. **1851.** Indications of Upheavals and Depressions of the Land in India. *Rep. Brit. Assoc.*, XXI, *Sections*, 55—58 (Abst., *Bibl. Univ.*, Ser. 4, XVIII, 168).

—7. **1851.** Floods in India of 1849. *Journ. A. S. B.*, XX, 186—192; *Edin. N. Phil. Journ.*, L, 52—57.

—8. **1851.** Notes on the Hot Springs of India. *Trans. Bo. Geogr. Soc.*, X, *Proc.*, xliii—xlv.

—9. **1851.** [On Laterite on the shores of Bombay.] *Journ. Bo. As. Soc.*, III, Pt. 2, 341—342.

—10. **1852.** The Volcanoes of India. *Trans. Bo. Geogr. Soc.*, X, 139—167.

—11. **1852.** The Geology of Bombay. *Trans. Bo. Geogr. Soc.*, X, 167—238; *Proc.*, xlv—xlix; *Western India*, 169—206.

—12. **1852.** [On a section of a well at Cochin.] *Journ. Bo. As. Soc.*, IV, 143.

NATIONAL ARCHIVES OF INDIA

Buist, G.—*contd.*

228—13. 1852. Volcanoes in the Bay of Bengal, etc. *Edin. N. Phil. Journ.*, LII, 339—352; LIII, 32—38.

—14. 1852. Index to books and papers on the Physical Geography, Antiquities, and Statistics of India. 8°, Bombay.

—15. 1854. On the principal depressions on the surface of the Globe. *Trans. Bo. Geogr. Soc.*, XII, *Proc.* vii—xix; *Edin. N. Phil. Journ.*, N. S., I, 253—264.

—16. 1854. The Physical Geography of Hindostan. *Edin. N. Phil. Journ.*, LVI, 328—352.

—17. 1855. Notes on a Journey through parts of Kathiawar and Goozerat in Jan. 1855. *Trans. Bo. Geogr. Soc.*, XIII, 11—107.

—18. 1856. Physical Geography of India. *Trans. Bo. Geogr. Soc.*, XIV, *Proc.*, vi—xxi.

—19. 1856. [Remarks on the nature and origin of Laterite.] *Journ. Bo. As. Soc.*, V, 700—703.

—20. 1859. On the Laterite of Cochin and Quilon. *Trans. Bo. Geogr. Soc.*, XV, *Proc.*, xxii—xxiv.

—21. 1859. Geological Observations on the Quarry and Inter-trappean Lacustrine stratum of Nowrojee Hill. *Journ. Bo. As. Soc.*, VI, *Proc.*, lxxvii.

Bullen, *Rev.* R. Ashington

229 . 1901. Pleistocene Mollusca from the Raised Beach Deposits of Perim Island. *Proc. Malac. Soc. Lond.*, IV, 254—255.

Bunbury, *Sir* C. J. F.

230—1. 1858. On a remarkable specimen of *Neuropteris*, with remarks on the genus. *Quart. Journ. Geol. Soc.*, XIV, 243—249.

NATIONAL ARCHIVES OF INDIA

Bunbury, *Sir* C. J. F.—*contd.*

230—2. 1861. Notes on a Collection of Fossil Plants from Nagpur, Central India. *Quart. Journ. Geol. Soc.*, XVII, Pt. 1, 325—346 (Abst., *Neu. Jahrb. f. Min.*, 1862, 122—123).

Bunning, C. Z.

231 . 1889. Coal Mining at Warora, Central Provinces, East India. *Trans. N. E. Inst. Min. Eng.*, XXXVIII, 77—170.

Burgess, ————

232 . 1852. Note on a severe Earthquake at Pillibheet, March 31, 1852. *Journ. A. S. B.*, XXI, 432.

Burke, J. H.

233 . 1847. India Sal.—Scinde *versus* Cheshire, Calcutta and Bombay. 8°, 31 pp., London.

Burlton, C. H. B.

234 . 1912. Magnesian Cement in India. *Journ. Soc. Arts*, LX, 851—864 (Abst., *Mining Mag.*, VII, 223—224).

Burnes, *Sir* A.

235—1. 1828. A Memoir and Supplementary Memoir of a Map of the Eastern Branch of the Indus. Fol., Bombay; *Travels into Bokhara*, III, 309—332 (Abst., *Bull. Soc. Géogr.*, XIII, 83—84).

—2. 1832. Comparison of the Indus and Ganges Rivers. *Journ. A. S. B.*, I, 20—23.

—3. 1832. Notice of an Earthquake at Lahore, 22nd January, 1832. *Journ. A. S. B.*, I, 34.

—4. 1832. Some Account of the Salt Mines of the Punjab. *Journ. A. S. B.*, I, 145—148; *Alex. E. I. Mag.*, X, 155—158.

—5. 1832. [Notes on the passage of the Hindu Kush.] *Journ. A. S. B.*, 1, 418—419.

NATIONAL ARCHIVES OF INDIA

Burnes, *Sir* A.—*contd.*

235—6. **1833.** On the Geology of the Banks of the Indus, the Indian Caucasus, and the Plains of Tartary to the Shores of the Caspian. *Geol. Trans.*, Ser. 2, III, 491—494 (Abst., *Proc. Geol. Soc.*, II, 8—10; *Phil. Mag.*, Ser. 3, IV, 225—228; *Neu. Jahrb. f. Min.*, 1836, 224—226; *Bull. Soc. Géol. France*, Ser. 1, V, 396—398).

—7. **1833.** [Note on specimens of coal from the Indus.] *Journ. A. S. B.*, II, 267 (Abst., *Ann. des Mines*, Ser. 4, II, 411—413; *Bibl. Univ.*, XXXIX, 278).

—8. **1833.** Description of the Salt Works at Panchpadder, in Marwar. *Journ. A. S. B.*, II, 365—366.

—9. **1833.** Substance of a Geographical Memoir on the Indus. *Journ. R. Geogr. Soc.*, III, 113—156, 287—290.

—10. **1834.** Papers descriptive of the Countries on the North-West Frontier of India; The Thurr or Desert; Joodpoor and Jaysulmeer. *Journ. R. Geogr. Soc.*, IV, 88—129.

—11. **1834.** Memoir on the Eastern Branch of the River Indus, giving an Account of the Alterations produced on it by an Earthquake, also a Theory of the formation of the Runn, and some Conjectures on the Route of Alexander the Great. *Trans. R. As. Soc.*, III, 550—588.

—12. **1834.** [Remarks on a paper by Lieut. W. Pottinger, on the Present State of the River Indus.] *Journ. R. As. Soc.*, I, 209—212.

—13. **1834.** Travels into Bokhara; being the account of a Journey from India to Cabool, Tartary, and Persia ..... performed under the orders of the Supreme Government of India, in the years 1831, 1832, and 1833. 8°, 3 Vols., London (Abst., *Bull. Soc. Géogr.*, Ser. 2, II, 250—259, Eyriès).

—14. **1837.** [On Fossils from the Chari Range in Cutch.] *Journ. A. S. B.*, VI, 159.

—15. **1837.** On Sind. *Journ. R. Geogr. Soc.*, VII, 11—20.

NATIONAL ARCHIVES OF INDIA

Burnes, *Sir* A.—*concld.*

235—16. 1838. On the Reg-Ruwan or moving sand, a singular phenomenon of sound near Cabul, with a sketch. *Journ. A. S. B.*, VII, 324—325.

—17. 1842. Cabool: being a personal Narrative of a Journey to, and Residence in, that City, in the years 1836, 7, and 8. 8°, 398 pp., London (Abst., *Bibl. Univ.*, XXXIX, 287—315).

Burnes, *Sir* A., *and* Gerard, J. G.

236 . 1832. A sketch of the Route and progress of Lieut. A. Burnes, and Dr. Gerard. *Journ. A. S. B.*, I, 139—145; II, 1—22, 143—149 (Abst., *Bull. Soc. Géogr.*, XIX, 110—112, 170—171, A. M.).

Burney, H.

237—1. 1832. [Note on Platina ore from Ava.] *Journ. A. S. B.*, I, 16—17; *Neu. Jahrb. f. Min.*, 1833, 198.

—2. 1834. [Note on mineralogical specimens from Upper Burma.] *Journ. A. S. B.*, III, 194 (Abst., *Neu. Jahrb. f. Min.*, 1833, 198).

—3. 1834. [Letter accompanying a collection of Fossil Bones from Yenangyaung.] *Journ. A. S. B.*, III, 365.

—4. 1837. [Note on a Fossil Hippopotamus from Burma.] *Journ. A. S. B.*, VI, 1099.

Burr, F.

238—1. 1840. Remarks upon the Auriferous Deposits of India, considered with especial Reference to their Economical Value. *Mad. Journ. Lit. Sci.*, XII, 30—37 (Abst., *As. Journ.*, N. S., XXXVII, Pt. 1, 44).

—2. 1841. Sketch of the Geology of Aden, on the Coast of Arabia. *Geol. Trans.* Ser. 2, VI, 499—502 (Abst., *Proc. Geol. Soc.*, III, 355—356; *Phil. Mag.*, Ser. 3, XIX, 174—175; *Journ. Bo. As. Soc.*, I, 83—84; *Bull. Soc. Géol. France*, Ser. 1, XII, 419—421; *Neu. Jahrb. f. Min.*, 1843, 229—230).

NATIONAL ARCHIVES OF INDIA

Burrard, *Sir* S. G.

239—1. 1898. Report on the Trigonometrical Results of the Earthquake in Assam. Fol., 12 pp., Calcutta.

—2. 1901. The Attraction of the Himalaya Mountains upon the Plumb-line in India. *Survey of India, Prof. Paper* No. 5 (Review, *Nature*, LXVII, 80—82).

—3. 1902. On the Figure of the Earth. *Rep. Brit. Assoc.*, LXXII, 541—542 (Abst., *Nature*, LXVI, 640).

—4. 1904. On Deflections of the Plumb-line in India. *Phil. Mag.*, Ser. 6, VII, 292—294.

—5. 1904. Mount Everest: the Story of a long controversy. *Nature*, LXXI, 42—46.

—6. 1905. On the Intensity and Direction of the Force of Gravity in India. *Phil. Trans.*, CCV—A, 289—318 (Abst., *Proc. Roy. Soc.*, LXXVI—A 312—315; *Neu. Jahrb. f. Min.*, 1907, II, *Ref.* 388—389, v. d. Borne).

—7. 1912. The Origin of the Himalaya Mountains. A consideration of the Geodetic Evidence. *Survey of India, Prof. Paper* No. 12, 1—26 (Abst., *Geol. Mag.*, Dec. 5, X, 167—170, T. H. Holland; *Nature*, XC, 704; *Amer. Journ. Sci.*, Ser. 4, XXXIV, 489; *Beitr. z. Geophys.*, XIII, Pt. 2, 153—157, M. P. Rudzki).

—8. 1913. The Origin of Mountains. *Geol. Mag.*, Dec. 5, X, 385—388.

—9. 1915. On the Origin of the Indo-Gangetic Trough, commonly called the Himalayan Foredeep. *Proc. Roy. Soc.*, XCI-A, 220—238 (Abst., *Scot. Geogr. Mag.*, XXXI, 494-495).

——, *see* **Fisher, *Rev.* O., 588**—4.

NATIONAL ARCHIVES OF INDIA

Burrard, *Sir* S. G., *and* Hayden, H. H.

240 . 1907-08. A Sketch of the Geography and Geology of the Himalaya Mountains and Tibet. Pt. I,—The High Peaks of Asia. Pt. II,—The principal Mountain Ranges of Asia. Pt. III.—The Rivers of the Himalaya and Tibet, Pt. IV.—The Geology of the Himalaya. 4°, 308 pp.; Calcutta (Review, *Geogr. Journ.*, XXXII, 416—418. XXXIV, 559—560; *Scot. Geogr. Mag.*, XXV, 18—23, *Alp. Journ.*, XXIV, 282—287; *Nature*, LXXIX, 132—134, T. H. H.; *Peterm. Mitth.*, LVI, Pt. I, 163—164, Oestreich and C. Deiner; *La Géographie*, XVIII, 379—386, J. Deniker).

——, *see* **Deniker, J., 465—2.**

Burrows, H. W.

241 . 1905. Note on a Bryozoan attached to *Neptunea* found in one of the Mekran Nodules. *Geol. Mag.*, Dec. 5, II, 303—305.

Burt, T. S.

242—1. 1833. [Exhibition of specimens of Fossil Bones, etc., from the Jumna.] *Journ. A. S. B.*, II, 648.

—2. 1834. Description of the Mode of Extracting Salt from the damp Sand-beds of the River Jumna, as practised by the inhabitants of Bundelkhand. *Journ. A. S. B.*, III, 33—36.

Burton, R. C.

243—1. 1913. Note on a twinned crystal of Hambergite from Kashmir. *Rec. G. S. I.*, XLIII, 168—172.

—2. 1913. Contributions to the Geology of the Province of Yünnan in Western China. II.—Petrology of the Volcanic Rocks of the Têng-Yüeh District. *Rec. G. S. I.*, XLIII; 206—228 (Abst., *Geol. Mag.*, Dec. 6, I, 326—327).

Burton, R. F.

244 . 1876. The Nizam Diamond. The Diamond in India. *Journ. Sci.*, Ser. 2, VI, 351—360.

NATIONAL ARCHIVES OF INDIA

Busch, H.

245 . 1870. Journal kept on board the Schooner L'Espiègle, on a Cruise amongst the Nicobar Islands, in 1845. *Sel. Rec. Govt. India*, LXXVII, 9—27.

Bushby, G. A.

246 . 1842. [Note on specimens of Porcelain Clay from Mangalore.] *Journ. A. S. B.*, XI, 196.

Busk, G., *see* Adams, A. Leith, 9.

Busz, K.

247 . 1889. Korund von Ceylon. *Zeits. f. Kryst.*, XV, 622—623.

Butler, A. D.

248 . 1869. Description of country surveyed in District Kamroop, Season 1867—68. *Sel. Rec. Govt. India*, LXXIV, 104—108.

Butler, J. (1)

249—1. 1847. A Sketch of Assam: with some account of the Hill Tribes. 8°, 220 pp., London.

—2. 1849. [Note on an Earthquake at Gowhatti, Assam, 22nd January, 1849.] *Journ. A. S. B.*, XVIII, 172—173.

Butler, J. (2)

250 . 1884. Gazetteer of the Mergui District, Tenasserim Division, British Burma. 8°, 84 pp., Rangoon.

Butterworth, W. J.

251 . 1847. [Note on coal from the Island of Junk Ceylon.] *Journ. A. S. B.*, XVI, 717—719.

Bysack, Gaurdas.

252—1. 1865. [Note on the Gopalpur Meteorite of 23rd May 1865.] *Proc. A. S. B.*, 94—96.

—2. 1888. Notes on the Barisal Guns. *Proc. A. S. B.*, 97—101.

NATIONAL ARCHIVES OF INDIA

C

C., ————

253 1831. An Excursion to the Chirra Púnjí Hills. *Glean. Sci.*, III, 172—174.

C.—A., ————

254 . 1833. The Earthquake of the 26th August 1833. *Journ. A. S. B.*, II, 438—439.

Cadell, H. M.

255—1. 1900. An Indian Colliery and its Miners. *Trans. Inst. Min. Eng.*, XIX, 60—68.

—2. 1901. A Sail down the Irrawaddy. *Scot. Geogr. Mag.*, XVII, 239—265 (Abst., *Geol. Centralbl.*, I, 749, C. V. C.).

Cadell, T.

256 . 1889. The Andamans and Andamanese. *Scot. Geogr. Mag.*, V, 57—73.

Calciati, C.

257 . 1910. Les fronts des glaciers de Yengutsa et d'Hispar. *La Géographie*, XXII, 241—246.

——, *see* **Roccati, A., 1505**—2,—3.

Calciati, C., *and* Koncza, M.

258 . 1909. L'expedition Bullock-Workman 1908 dans l'Himalaya. *Bull. Soc. fribourg. Sci. Nat.*, XVII, 105—113.

Caldecott, J.

259 . 1847. Observations on the Temperature of the Ground at Trivandrum in India, from May 1842 to December 1845. *Edinb. Trans.*, XVI, 379—393 (Abst., *Proc. Roy. Soc. Edinb.*, I, 432—433; II, 29—32, 127).

Calder, J.

260—1. 1829. General Observations on the Geology of India. *As. Res.*, XVIII, pt. I, 1—22 (Review, *Glean. Sci.*, I, 211—213; *As. Journ.* XXVI, 466—468, 713—715; *Edin. N. Phil. Journ.*, VI, 152—158; *Edin. Journ. Sci.*, X, 181—184, 371—375).

NATIONAL ARCHIVES OF INDIA

Calder, J.—*contd.*

260—2. 1833. Report of the Committee appointed on the 27th March 1833, to consider on the expediency of recommending to the Government the continuance of the Boring Experiment [in Fort William]. *Journ. A. S. B.*, II, 369—374.

——, *see* **Conybeare, *Rev.* W. D., 353.**

——, *see* **Falconer, H., 561—1.**

Caldwell, *Rev.* R.

261 . 1855. Geology of the Eastern portion of Tinnevelly. *Report, Govt. Cent. Mus. Madras*, 1—8.

Callaway, C.

262 . 1902. The Crystalline Limestones of Ceylon. *Geol. Mag.* Dec. 4, IX, 284—285.

Calthrop, C. W.

263 . 1883. Report on the Hot Springs of Kulu. *Kulu Gazetteer*, II, *App.*, 150—153.

Calvert,—

264 . 1859. [Alleged discovery of coal near Murree, Punjab.] *Geologist*, II, 495.

Calvert, J.

265—1. 1870. Notes on the Mineral Resources of India. 8°, Calcutta (Abst., *Geol. Mag.*, Dec. 1, VII, 167—169).

—2. 1873. Vazeeri Rupi, the silver country of the Vazeers, in Kulu: its Beauties, Antiquities, and Silver Mines, including a trip over the lower Himalayah Range and Glaciers. 8°, 102 pp., London (Abst., *Geol. Mag.*, Dec. 1, X, 116—117).

—3. 1875. Report on the Vazeeri-Rupi Mines, Kulu. *Kulu Min.*, 1—4.

Cameron, W.

266 . 1885. Note on the Exploration of Pahang. *Journ. Str. As. Soc.*, XV, 155—157.

NATIONAL ARCHIVES OF INDIA

Campbell, A.

267—1. 1833. Earthquake of 26th August, 1833, at Kathmandu. *Journ. A. S. B.*, II, 438—439, 564—567, 636—639.

—2. 1833. On the Native Alum or Salajit of Nepal. *Journ. A. S. B.*, II, 482—484.

—3. 1834. On the Nepalese Method of Refining Gold. *Journ. A. S. B.*, III, 622—624 (Abst., *Bibl. Univ.*, N. S., VI, 167—168).

—4. 1837. Notes on the Agriculture and Rural Economy of the Valley of Nepaul. *Trans. Agri. Hort. Soc. Ind.*, IV, 58—175 (Abst., *Mad. Journ. Lit. Sci.*, VI, 445—461).

—5. 1848. Routes from Darjeeling to Thibet. *Journ. A. S. B.*, XVII, Pt. 2, 488—500.

—6. 1848. Note on the Elevation of Peaks in the Himalaya. *Journ. A. S. B.*, XVII, Pt. 2, 576—578 (Abst., *Monatsb. Verh. Gesell. f. Erdk.*, N. S., VII, 167—169, Ritter).

—7. 1849. Journal of a trip to Sikkim, in December 1848, with sketch map. *Journ. A. S. B.*, XVIII, 482—541.

—8. 1852. Diary of a Journey through Sikkim to the Frontiers of Thibet. *Journ. A. S. B.*, XXI, 407—428, 477—501, 563—575.

—9. 1855. Notes on Eastern Thibet. *Journ. A. S. B.*, XXIV, 215—240.

———, *see* **Piddington, H., 1406—37,—63.**

Campbell, A., *and* Masters, J. W.

268 . 1888. On the soils of Nepaul. *Trans. Agri. Hort. Soc. Ind.*, V, 1—8.

Campbell, A., *and* Piddington, H.

269 . 1854. [Correspondence relating to a discovery of Copper Ore at Pushak, near Darjeeling.] *Journ. A. S. B.*, XXIII, 206—210; XXIV, 251, 707—708.

NATIONAL ARCHIVES OF INDIA

Campbell, C.

270 . 1867. Account of the Slate Quarries in the Goorgaon District. *Prof. Papers Ind. Eng.*, Ser. 1, IV, 257—260.

Campbell, *Sir* G.

271 . 1867. On the Geography and Climate of India, in reference to the best site for a Capital. *Proc. R. Geogr. Soc.*, XI, 54—77 (Abst., *Peterm. Mitth.*, XIV, 7—9).

Campbell, J.

272—1. 1839. Remarks on nomenclature of Indian Minerals. Contained in a paper on "Chemical Tests" by Lieut. Braddock. *Mad. Journ. Lit. Sci.*, X, 270—271.

—2. 1840. On the advancement of Geological Science in India. *Mad. Journ. Lit. Sci.*, XI, 78—86.

—3. 1840. On an error in Dr. Thomson's Mineralogy. *Mad. Journ. Lit. Sci.*, XI, 310—313.

—4. 1840. [Supposed petrified wood at Trevicary, near Pondicherry.] *As. Journ.*, N. S., XXXII, Pt. 2, 320.

—5. 1840. The Study and present State of Mineralogy in South India. *Min. Journ.*, X, 414.

—6. 1841. Report on the Soda Soils of the Barramahal. *Journ. A. S. B.*, X, 159—163; *Trans. Bo. Geogr. Soc.*, VI, 163—166.

—7. 1841. Report on the Kaolin Earth of Mysore. *Journ. A. S. B.*, X, 163—164; *Trans. Bo. Geogr. Soc.*, VI, 166—168.

—8. 1842. Report upon the Manufacture of Steel in Southern India. *Journ. A. S. B.*, XI, 217—218, 894—896.

—9. 1842. On the Red Marl Formation of Mysore. *Cal. Journ. Nat. Hist.*, II, 32—42.

—10. 1842. On the Granite formation of the Salem and Barramahal District. *Cal. Journ. Nat. Hist.*, II, 153—185.

—11. 1842. [Note on Fossil Wood at Trivicary, Madras.] *Cal. Journ. Nat. Hist.*, II, 276—277.

NATIONAL ARCHIVES OF INDIA

Campbell, J.—*contd.*

272—12. 1842. [Notes on the Minerals of the Salem District, Madras.] *Cal. Journ. Nat. Hist.*, II, 280—282.

—13. 1842. On the Schistose formations of the Table Lands of South India, with the characters of Hornblendic rocks. *Cal. Journ. Nat. Hist.*, II, 301—322.

—14. 1842. Report upon the manufacture of Pottery and Porcelain in South India. *Cal. Journ. Nat. Hist.*, II, 600—605.

—15. 1843. Suggestions regarding the probable origin of some kinds of Kunkur, and the influence of deliquescent Salts on Vegetation. *Cal. Journ. Nat. Hist.*, III, 25—28.

—16. 1843. On the Manufacture of Bar Iron in Southern India. *Cal. Journ. Nat. Hist.*, III, 386—400; V, 103—115; VI, 34—43; Appendix I, *Rep. Govt. Cent. Mus. Madras*, 1856, 8—19, 19—28.

—17. 1846. Mineralogy of Southern India. *Cal. Journ. Nat. Hist.*, VI, 199—213.

Campbell, J. F.

273 . 1877. On Himalayan Glaciation. *Journ. A. S. B.*, XLVI, Pt. 2, 1—10 (Abst., *Proc. A. S. B.*, 1877, 2—5).

———, *see* **Medlicott, H. B., 1197**—46.

———, *see* **Theobald, W., 1763**—26.

Campbell, J. H., *see* **Piddington, H., 1405**—35.

Campbell, J. M.

274 . 1880. Account of the Rajpipla Cornelians. *Bombay Gazetteer*, VI, 198—207.

Campbell, J. Morrow

275 . 1910. The Origin of Laterite. *Trans. Inst. Min. Met.*, XIX, 432—457; XX, 415—419.

NATIONAL ARCHIVES OF INDIA

Campbell, W. M.

276 . 1879. On the Shorawak Valley and the Toba Plateau, Afghanistan. *Rep. Brit. Assoc.*, XLIX, 447; *Proc. R. Geogr. Soc.*, N. S., II, 620—626.

Cancani, A.

277 . 1897. I pendoli orizzontali del R. Osservatorio geodinamico di Rocca di Papa, ed il terremoto Indiano del 12 giugno 1897. *Bull. Soc. Sism. Ital.*, III, 235—240.

Cantle, ———

278 . 1827. Coal in the Jaipur Nadi. *As. Journ.*, XXIV, 477.

Cantor, T.

279 . 1837. Notice of a skull (fragment of a gigantic fossil Batrachian). *Journ. A. S. B.*, VI, 403, 538—541.

Capito, C. E.

280 . 1911. The Oil-Wells of Assam. *Proc. Inst. C. Eng.*, CLXXXV, 363—378 (Abst., *Journ. I. S. Inst.*, LXXXV, 474).

Capus, G.

281 . 1890. Pamir et Tchitral. *Bull. Soc. Géogr.*, Ser. 7, XI, 499—533.

Carey, J. J.

282 . 1869. [On Celts from Khangaon, Central Provinces.] *Suppl., C. P. Gazetteer*, 4th September, 1869; *Proc. A. S. B.*, 1871, 238—239.

Carey, V. J.

283 . 1866. [On a perforated stone from Jubbulpore.] *Proc. A. S. B.*, 135—136.

Cariess, T. G.

284—1. 1838. Memoir to accompany the Survey of the Delta of the Indus, in 1837. *Journ. R. Geogr. Soc.*, VIII, 328—366; *Sel. Rec. Bo. Govt.*, N. S., XVII, Pt. 2, 459—500.

—2. 1839. Account of a Journey to Beylah, and Memoir on the Province of Lus. *Journ. A. S. B.*, VIII, 184—202; *Sel. Rec. Bo. Govt.*, N. S., XVII, Pt. I, 301—319.

NATIONAL ARCHIVES OF INDIA

Carless, T. G.—*contd.*

284—3. 1839. Visit to the Hot Spring near Kurachee. *Trans. Bo. Geogr. Soc.*, II, Pt. 3, 13—18.

—4. 1855. Report upon portions of the River Indus; surveyed in the years 1836—37. *Sel. Rec. Bo. Govt.*, N. S., XVII, Pt. 2, 501—540.

Carmichael, D. F.

285 . 1869. A Manual of the District of Vizagapatam, in the Presidency of Madras. 8°, 398 pp., Madras (Vol. I, Sec. IV, Geology, compiled from Dr. Benza's Notes in *Mad. Journ. Lit. Sci.*, Vol. V).

Carnac, H. Rivett, *see* **Rivett-Carnac, H., 1490.**

Carpenter, A.

286—1. 1885. "The Swatch of no Ground." *Journ. A. S. B.*, LIV, Pt. 2, 125—126.

—2. 1888. The Birds-Nest or Elephant Islands, Mergui Archipelago. *Rec. G. S. I.*, XXI, 29—30; *Nature*, XXXVII, 348.

Carte, Alex.

287 . 1857. On a fossil elephant's tooth obtained from the excavation of the Doab Canal in Upper India. *Journ. Geol. Soc. Dublin*, VIII, 66—68; *Nat. Hist. Rev.*, V, *Proc.*, 84—86.

Carter, H. J.

288—1. 1844. Geological Observations on the composition of the hills and alluvial soil, from Hyderabad in Sindh, to the mouth of the river Indus. *Journ. Bo. As. Soc.*, II, 40—43.

—2. 1847. Reports accompanying Copper Ore from the Island of Maseera, and on Lithographic Limestones from the Southern Coast of Arabia. *Journ. Bo. As. Soc.*, II, 400—404.

NATIONAL ARCHIVES OF INDIA

Carter, H. J.—*contd.*

288—3. 1849. On Foraminifera, their organization and their existence in a fossilized state in Arabia, Sindh, Kutch and Khattyawar. *Journ. Bo. As. Soc.*, III, Pt. I, 158—173.

—4. 1850. On the Red coloring matter in the Salt and Salt-pans of Bombay. *Journ. Bo. As. Soc.*, III, Pt. 2, 32—35.

—5. 1850. Geological Observations on the Igneous Rocks of Maskat and its Neighbourhood, and on the Limestone Formation at their circumference. *Journ. Bo. As. Soc.*, III, Pt. 2, 118—129.

—6. 1851. A Geographical Description of certain parts of the South-East Coast of Arabia to which is appended a short Essay on the Comparative Geography of the whole of this Coast. *Journ. Bo. As. Soc.*, III, Pt. 2, 224—317.

—7. 1852. Memoir on the Geology of the South-East Coast of Arabia. *Journ. Bo. As. Soc.*, IV, 21—96; *Western India*, 551—627.

—8. 1852. Geology of the Island of Bombay. *Journ. Bo. As. Soc.*, IV, 161—215; *Western India*, 116—118.

—9. 1853. On the Form and Structure of the Shell of *Operculina Arabica*. *Journ. Bo. As. Soc.*, IV, 430—445; *Ann. Mag. Nat. Hist.*, Ser. 2, X, 161—176.

—10. 1853. Note on the Pliocene Deposits of the Shores of the Arabian Sea. *Journ. Bo. As. Soc.*, IV, 445—448.

—11. 1853. Descriptions of some of the larger Forms of Fossilized Foraminifera in Scinde; with Observations on their Internal Structure. *Journ. Bo. As. Soc.*, V, 124—141; *Western India*, 533—551, revised by author; *Ann. Mag. Nat. Hist.*, Ser. 2, XI, 161—177 (Abst., *Neu. Jahrb. f. Min.*, 1862, 624—625).

—12. 1853. Description of *Orbitolites Malabarica*, illustrative of the Spiral and not Concentric Arrangements of Chambers in D'Orbigny's Order Cyclostègues. *Journ. Bo. As. Soc.*, V, 142—144; *Ann. Mag. Nat. Hist.*, Ser. 2, XI, 425—427.

NATIONAL ARCHIVES OF INDIA

Carter, H. J.—*contd.*

288—13. 1854. Summary of the Geology of India, between the Ganges, the Indus, and Cape Comorin. *Journ. Bo. As. Soc.*, V, 179—335; *Western India*, 628—778.

—14. 1854. [Note on a specimen of Laterite from Worlee hill.] *Journ. Bo. As. Soc.*, V, 381.

—15. 1854. [Note on geological specimens presented to the Society's Museum.] *Journ. Bo. As. Soc.*, V 39 398.

—16. 1854. On the true position of the Canaliferous Structure in the Shell of Fossil Alveolina (D'Orbigny). *Ann. Mag. Nat. Hist.*, Ser. 2, XIV, 99—101.

—17. 1857. On Contributions to the Geology of Central and Western India. *Journ. Bo. As. Soc.*, V, 614—638.

—18. 1857. [Notes on d'Archiac and Haimes "Description des Animaux Fossiles."] *Journ. Bo. As. Soc.*, V, 628—636.

—19. 1857. [Note on Coal from Lyneah in Sind.] *Journ. Bo. As. Soc.*, VI, *Proc.*, XXXVI.

—20. 1857. Geological Papers on Western India, including Cutch, Sinde, and the South-East Coast of Arabia; to which is appended a Summary of the Geology of India generally. 8°, 808 pp., Bombay.

—21. 1859. Report on Geological Specimens from the Persian Gulf collected by Lieut. C. G. Constable, I.N. *Journ. A. S. B.*, XXVIII, 41—48; XXIX, 359—365.

—22. 1861. Further Observations on the Structure of Foraminifera and on the Larger Fossilized Forms of Sind, etc., including a new Genus and Species. *Journ. Bo. As. Soc.*, VI, 31—96; *Ann. Mag. Nat. Hist.*, Ser. 3, VIII, 309—333, 366—382, 446—470 (Abst., *Ann. Mag. Nat. Hist.*, Ser. 3, VIII, 246—251).

NATIONAL ARCHIVES OF INDIA

Carter, H. J.—*concld.*

288—23. 1861. On contributions to the Geology of Western India including Sind and Baloochistan. *Journ. Bo. As. Soc.*, VI, 161—206, including :—

I.—Notes on the Geology of the Islands around Bombay, pp. 167—178.

II.—Discovery of a portion of Pegmatite in a Basaltic Dyke in the Island of Carinja, pp. 178—180.

III.—Section of the Trap in the Western Ghauts, pp. 181—182.

IV.—Note on the Fossil-Bones from Narayanpur sent to the Society by Captain W. T. Nicholls, Madras Army; and also on the Reptilian Fossil-Bones generally, in the Museum of the Bombay Asiatic Society, pp. 204—206.

—24. 1881. On the Kunker Formation of the Alluvium in India compared with the Flint Formation in the Chalk of England. *Ann. Mag. Nat. Hist.*, Ser. 5, VII, 308—312.

—25. 1888. Description of a large variety of *Orbitolites Mantelli*, Cart., from the West Bank of the River Irrawadi, in the Province of Pegu, Burma, about 36 miles above Prome. *Ann. Mag. Nat. Hist.*, Ser. 6, II, 342—348.

—26. 1888. On the Foraminiferal Genus *Orbitoides* of d'Orbigny. *Ann. Mag. Nat. Hist.*, Ser. 6, II, 439—450: III, 210—214.

Carter, W. G.

289—1. 1834. Remarks on Mr. Beke's Papers on the Gopher-wood, and the former Extension of the Persian Gulf. *Phil. Mag.*, Ser. 3, V, 244—252.

—2. 1835. On the Ancient and Modern Formation of Delta in the Persian Gulf by the Euphrates and Tigris. *Phil. Mag.*, Ser. 3, VII, 192—202, 250—256.

Carthaus, E.

290 . 1895. Malaiisch-ostindische Zinnerzlagerstätten. *Zeits. f. prakt. Geol.*, 30.

NATIONAL ARCHIVES OF INDIA

Cassels, J. Lang

291 . 1861. Notice of a Meteorite [Parnali] which fell in Hindostan in 1857. *Amer. Journ. Sci.*, Ser. 2, XXXII, 401—403.

Cautley, *Sir* P. T.

292—1. 1828. Notice of the Occurrence of Coal and Lignite in the Himalaya. *As. Res.*, XVI, 387—396.

—2. 1832. On the Gypsum of the Himalaya. *Journ. A. S. B.*, I, 289—296.

—3. 1834. [Note on Fossil Bones in the Sewalik Hills.] *Journ. A. S. B.*, III, 527—528, 592—593; IV, 585—587 (Abst., *As. Journ.*, N. S., XIX, Pt. 1, 276—278; *Neu. Jahrb. f. Min.*, 1837, 340—341).

—4. 1835. Note on the Gold Washings of the Gumti River. *Journ. A. S. B.*, IV, 279—282.

—5. 1836. On the Structure of the Siválik Hills, and the Organic Remains found in them. *Geol. Trans.*, Ser. 2, V, 266—278; *Proc. Geol. Soc.*, II, 395—397; *Mad. Journ. Lit. Sci.*, XII, 292—304 (Abst., *Phil. Mag.*, Ser. 3, VIII, 575—579).

—6. 1836. Note on the Fossil Crocodile of the Sivalik Hills. *As. Res.*, XIX, 25—32.

—7. 1836. The Fossil Gharial of the Sivalik Hills. *As. Res.*, XIX, 32—38.

—8. 1836. Note on the Teeth of the Mastodon à dents étroites of the Siwalik Hills. *Journ. A. S. B.*, V, 294—296.

—9. 1836. Note on Mastodons of the Siwaliks. *Journ. A. S. B.*, V, 768—770.

—10. 1837. [Letter announcing discovery of Remains of Quadrumanous Animals in the Sewalik Hills.] *Proc. Geol. Soc.*, II, 544—545.

—11. 1838. Note on a Fossil Ruminant genus allied to Giraffidæ in the Siwalik hills. *Journ. A. S. B.*, VII, 658—660; *Ann. Mag. Nat. Hist.*, Ser. 1, III, 167—169.

NATIONAL ARCHIVES OF INDIA

Cautley, *Sir* P. T.—*contd.*

292—12. 1840. On the Fossil Remains of Camelidæ of the Sewaliks. *Journ. A. S. B.*, IX, 620—624.

—13. 1849. Report on the influence of the Jumna Canals on the Jumna River. *Sel. Rec. Govt., N.-W. P.*, XLII, 137—142; Ser. 2, II, 57—60; N. S., IV, 490—496.

—14. 1853. Notes and Memoranda on the Eastern Jumna, or Doab Canal, and on the Water Courses in the Deyra Doon. *Roorkee Prof. Papers*, No. I, 1—275.

—15. 1860. Report on the Ganges Canal Works: from their commencement until the opening of the Canal in 1854. 8°, 2 Vols., London.

—16. 1864. A Disquisition on the Heads of the Ganges and Jumna Canals, North-Western Provinces. 8°, London.

———, *see* **Falconer, H. 562,** 1—9.

Cautley, *Sir* P. T., *and* Falconer, H.

293—1. 1835. Synopsis of Fossil General and Species from the upper deposits of the tertiary strata of the Siwalik Hills, in the collection of the authors. *Journ. A. S. B.*, IV, 706—707 (Abst., *Ann. Sci. Nat.*, Ser. 2, VII, *Zool.*, 60—62; *Neu. Jahrb. f. Min.*, 1838, 112, 604—605; *Bibl. Univ.*, N. S., IX, 202—203, I. M.).

—2. 1837. Notice on the Remains of a Fossil Monkey from the Tertiary Strata of the Siwalik Hills in the North of Hindoostan. *Geol. Trans.*, Ser. 2, V, 499—504; *Proc. Geol. Soc.*, II, 568—569; *Mad. Journ. Lit. Sci.*, XII, 304—309 (Abst., *Phil. Mag.*, Ser. 3, XI, 393—394).

Cayley, H.

294—1. 1869. Report on the Route to the Karakesh River *viâ* the Changchenmoo Valley and Pass. *Sel. Rec. Punj. Govt.*, N. S., No. 2, 25—54.

—2. 1877. [Remarks on Himalayan Glaciation.] *Proc. A. S. B.*, 4—5.

NATIONAL ARCHIVES OF INDIA

Center, W.

295 . 1880. Note on Reh or Alkaline Soils and Saline Well Waters. *Rec. G. S. I.*, XIII, 253—273.

Central Provinces Secretariat

296 . 1898. The Iron Industry in the Central Provinces. *Agric. Ledger*, V, No. 17, 1—27.

Chacko, I. C.

297—1. 1911. A Preliminary Report on the Geology of parts of the Taluks of Ettumanur, Meenachil, Muvattupuzha, Kunnathunaud, Alengaud, and Vycome, Travancore State. Fol., 11 pp., Trivandrum.

—2. 1912. Annual Report of the Geological Department, Travancore, for the year 1087 M. E. Fol., 13 pp., Trivandrum.

Chacko, I. C., *and* Masillamani, E.

298 . 1910. Report of the State Geologists, Travancore, for the years 1907-1910. Fol., 96 pp., Trivandrum.

Chadwick, O.

299 . 1871. Experiments on the Strength of Mortar and Concretes. *Prof. Papers Ind. Eng.*, Ser. 2, I, No. 2, App., 2—3.

Chamier, H.

300 . 1856. Bar Iron and Steel in S. India. *Report, Govt. Cent. Mus., Madras*, 29—34.

Chaper, M.

301—1. 1884. De la présence du diamant dans une pegmatite de l'Indoustan. *C. R. Ac. Sci.*, XCVIII, 113—115; *Ann. Chim. Phys.*, Ser. 6, II, 284—288 (Abst., *Journ. Chem. Soc.*, XLVI, 563, C. H. B.; *Zeits. f. Kryst.*, XI, 189, P. Groth).

—2. 1884. Sur une pegmatite à diamant et à corindon de l'Hindoustan. *Bull. Soc. franç. Min.*, VII, 47—49.

—3. 1886. Note sur une Pegmatite diamantifère de l'Hindoustan. *Bull. Soc. Géol. France*, Ser. 3, XIV, 330—345 (Abst., *Neu. Jahrb. f. Min.*, 1887, I, *Ref.*, 66—67).

———, *see* **Foote, R. Bruce, 596—36.**

NATIONAL ARCHIVES OF INDIA

Chapman, F.

302 . 1900. Notes on the Consolidated Æolian Sands of Kathiawar. *Quart. Journ. Geol. Soc.*, LVI, 584—589 (Abst., *Geol. Mag.*, Dec. 4, VII, 335—336; *Geol. Centralbl.*, I, 174, C. V. C.; *Phil. Mag.*, Ser. 6, I, 167—168).

Chapman, R. B.

303 . 1857. [Correspondence relating to Greenough's Geological Map of India.] *Journ. A. S. B.*, XXVI, 291—294.

Charleton, A. G.

304 . 1896. The Indian Gold-fields. *Trans. Inst. Min. Eng.*, XI, 345—368.

Chater, C. W.

305 . 1915. Mining in Burma. *Trans. Inst. Min. Eng.*, XLIX, 628—639.

Chatterton, A.

306 . 1909. Note on Well-Boring. *Agric. Journ. India* IV, 105—110.

Chautard, J., *and* Lemoine, P.

307 — 1. 1908. Sur la genèse de certains minerais d'alumine et de fer. Décomposition latéritique. *C. R. Ac. Sci.*, CXLVI, 239—242.

—2. 1908. Sur la Phénomène de Latérisation. *Bull. Soc. Géol. France*, Ser. 4, VIII, 35—38.

Chenevix, R.

308 . 1802. Analysis of Corundum and of some of the Substances which accompany it; with Observations on the Affinities which the Earths have been supposed to have for each other, in the humid Way. *Phil. Trans.*, XCII, 327—347; *Proc. Roy. Soc.*, I, 87—89; *Nich. Journ.*, IV, 7—23; *Journ. de Phys.*, LV, 409—426.

Chèvalier, E.

309 . 1844. Voyage autour du monde exécuté pendant les années 1836 et 1837, sur corvette "La Bonîte" commandée par M. Vaillant. Géologie et Minéralogie. 8°, Paris.

NATIONAL ARCHIVES OF INDIA

Chevreul, M. E.

310 . . 1819. Mémoire sur la Zircone [de Ceylan]. *Bull. Soc. Philom.*, IX, 187—189; *Ann. Chim. Phys.*, XIII, 245—249; *Ann. Gén. Sci. Phys.*, V, 34—35.

Chisholm, R. F.

311 . 1907. Indian Pottery. *As. Quart. Rev.*, Ser. 3, XXIV, 38—47.

Cholmeley, N. G.

312 . 1913. The Oil-Fields of Burma. *Journ. Soc. Arts.*, LXI, 639—658 (Abst., *Journ. I. S. Inst.*, LXXXVII, 553).

Christie, A. Turnbull

313—1. 1828. Sketches of the Meteorology, Geology, Agriculture, Botany and Zoology of the Southern Mahratta Country. *Edin. N. Phil. Journ.*, V, 292—304; VI, 98—120; VII, 49—65; *Mad. Journ. Lit. Sci.*, IV, 185—193, 452—483; *Western India* (Geology), 328—346.

—2. 1841. On Porcelain Clay found at Mangalore. *Journ. A. S. B.*, X, 967—971; *Cal. Journ. Nat. Hist.*, II, 599—600.

Christie, W. A. K.

314—1. 1912. Note on the Lonar Soda Deposit. *Rec. G. S. I.*, XLI, 276—285.

—2. 1912. Gas from a Mud Volcano in Mekran. *Rec. G. S. I.*, XLII, 279—280.

—3. 1914. A Carbonaceous Aërolite from Rajputana. *Rec. G. S. I.*, XLIV, 41—51.

—4. 1914. Notes on the Salt Deposits of the Cis-Indus Salt Range. *Rec. G. S. I.*, XLIV, 241—264.

———, *see* **Holland, *Sir* T. H., 860.**

———, *see* **LaTouche, T. H. D., 1036.**

Christison, R.

315 . 1831. Chemical Examination of the Petroleum of Rangoon. *Edin. Trans.*, XIII, 118—123.

NATIONAL ARCHIVES OF INDIA

Christopher, W.

316—1. 1846. Accounts of Adam's Bridge, and Ramiseram Temple, with a Map of the said Temple, from actual measurement by some of the Surveying Officers of the Indian Navy. *Trans. Bo. Geogr. Soc.*, VII, 130—137.

—2. 1848. [Exhibition of Geological specimens from the Punjab.] *Trans. Bo. Geogr. Soc.*, VIII, *Proc.*, xxxii—xxxvii.

—3. 1849. Report by the Commander, Indus Flotilla, of an Experimental Voyage up the Indus and Sutledge. *Trans. Bo. Geogr. Soc.*, VIII, 144—173.

—4. 1849. Journal of his Ascent of the River Chenab—dated Vizarabad, 1st October, 1847. *Trans. Bo. Geogr. Soc.*, VIII, 236—248.

Church, A. H.

317—1. 1869. A New Element accompanying Zirconium. *Chem. News*, XIX, 121—122.

—2. 1901. Note on Apatite in Ceylon. *Nature*, LXIII, 464 (Abst., *Zeits. f. Kryst.*, XXXVII, 300, H. L. Bowman).

—3. 1902. Zircons from Ceylon. Illustrating Range and Change of Density and Colour. *Chem. News*, LXXXV, 270 (Abst., *Zeits. f. Kryst.*, XLII, 387, H. L. Bowman).

Claremont, L.

318 . 1915. The Home of the Pigeon-Blood Ruby. *Knowledge*, N. S., XII, 1—6.

Clarence, L. B.

319 . 1897. Ceylon. *Scot. Geogr. Mag.*, XIII, 169—188.

Clark, G. T.

320—1. 1847. On the neighbourhood of Bombay, and certain beds containing Fossil Frogs. *Quart. Journ. Geol. Soc.*, III, Pt. I, 221—224 (Abst., *Bibl. Univ.*, Ser. 4, VI, 66—67, A. F.).

NATIONAL ARCHIVES OF INDIA

Clark, G. T.—*contd.*

320—2. 1869. Remarks upon the Basalt Dykes of the Mainland of India opposite to the Islands of Bombay and Salsette. *Quart. Journ. Geol. Soc.*, XXV, Pt. I, 163—168 (Abst., *Geol. Mag.*, Dec. 1, VI, 133—134; *Phil. Mag.*, Ser. 4, XXXVIII, 242).

—3. 1880. On Volcanic Foci of Eruption in the Konkan. *Rec. G. S. I.*, XIII, 69—73.

————, *see* **Owen, *Sir* R., 1353—2.**

Clark, J.

321—1. 1838. On the Lateritic Formation. *Mad. Journ. Lit. Sci.*, VIII, 334—346.

—2. 1839. Geology of Bangalore, and of some other portions of Mysore. *Mad. Journ. Lit. Sci.*, IX, 89—121 (Abst., *As. Journ.*, N. S., XXX, Pt. 2, 190).

Clarke, H. E., *see* **Bowman, H. L.; 182—1,—2.**

Clarke, Hyde

322 . 1881. Gold in India. *Journ. Soc. Arts.*, XXIX, 244—253 XXX, 591 (Abst., *Min. Journ.*, LI, 195).

Clarke, R. W.

323 . 1901. Coal-mining in India. *Trans. Inst. Min. Eng.*, XXII, 184—192.

Clement-Mullet, ————

324 . 1868. Essai sur la Minéralogie Arabe. *Journ. Asiat.*, Ser. 6, XI, 5—81, 109—253, 502—522.

Cleveland, E. S.

325 . 1863. A Sketch of Malabar. *Mad. Quart. Med. Journ.*, VI, 11—28.

Clibborn, J.

326 . 1883. Irrigation fron Wells in the North-Western Provinces and Oudh. *Prof. Papers Ind. Eng.*, Ser. 3, I, 103—131; II, 105—109.

————, *see* **Medlicott, H. B., 1197—67**

NATIONAL ARCHIVES OF INDIA

Clift, W.

327 . 1828. On the Fossil Remains of two New Species of Mastodon, and of other vertebrated Animals, found in the left Bank of the Irawadi. *Geol. Trans.*, Ser. 2, II, 369—375 (Abst., *Proc. Geol. Soc.*, II, 69—71; *Glean. Sci.*, I, 182—184; *Ann. Sci. Nat.*, XIV, 288—292).

Close, C. F.

328 . 1905. Jomokangkar. *Geogr. Journ.*, XXV, 178—179.

Coal Committee

329 . 1843. Notes on Rajmehal Coal. *Cal. Journ. Nat. Hist.*, III, 501—506.

——— *see* **McClelland, J., 1117**—12, —15, —16, —17, —25—31.

Cochrane, M. H.

330—1. 1872. On the Zircons of Ceylon. *Chem. News*, XXV, 305—306.

—2. 1872. The Jargons and Zircons of Ceylon. *Proc. Phil. Soc. Glasgow*, VIII, 186—188.

Cockburn, J.

331—1. 1879. Notes on Stone Implements from the Khasi Hills, and the Banda and Vellore Districts. *Journ. A. S. B.*, XLVIII, Pt. 2, 133—143.

—2. 1894. On Flint Implements from the Kon ravines of South Mirzapore. *Journ. A. S. B.*, LXIII, Pt. 3, 21—27.

Coddington, F.

332 . 1869. Description of country surveyed in District Chanda, Season 1867-68. *Sel. Rec. Govt. India*, LXXIV, 99—104.

Cohen, E.

333 . 1884. Über Jadeit von Thibet. *Neu. Jahrb. f. Min.*, I, 71—73 (Abst., *Journ. Chem. Soc.*, XLVI, 407, B.H.B.; *Zeits. f. Kryst.*, X, 302, C. Hintze).

Cole, C. J.

334 . 1903. Notes on Drift Sand and Drift Snow. *Railway Board, Tech. Paper*, No. 159, 1—25.

NATIONAL ARCHIVES OF INDIA

Cole, Grenville A. J.

335 . 1895. Miocene Man in Burma. *Nat. Sci.*, VII, 295.

Cole, R.

336—1. 1836. On the Geological position and association of the Laterite, or Iron Clay, formation of India, with a description of that Rock as it is found at the Red Hills near Madras. *Mad. Journ. Lit. Sci.*, IV, 100—116 (Abst., *Bull. Soc. Géol. France*, Ser. 1, XI, 271—272).

—2. 1836. Note on the Magnesite. *Mad. Journ. Lit. Sci.*, IV, 232.

—3. 1838. Note on certain Mounds of a scoriaceous character found near Bellary. *Mad. Journ. Lit. Sci.*, VII, 130—133.

—4. 1839. Note on Dr. Benza and his nomenclature of Indian Minerals. *Mad. Journ. Lit. Sci.*, X, 440—441; XI, 200.

Colebrooke, H. T.

337—1. 1810. On the sources of the Ganges, in the Himadri or Emodus. *As. Res.*, XI, 429—445.

—2. 1816. On the height of the Himalaya Mountains. *As. Res.*, XII, 251—285 (Abst., *As. Journ.*, IV, 521—522; *Ann. Philos.*, XI, 47—52; *Quart. Journ. Sci.*, VI, 51—57; *Journ. Roy. Inst.*, II, 389—392).

—3. 1819. On the Limit of Constant Congelation in the Himalaya Mountains. *Quart. Journ. Sci.*, VII, 38—43.

—4. 1820. On the Valley of the Sutlej River in the Himalaya Mountains. *Geol. Trans.*, Ser. 2, I, 124—131 (Abst., *Quart. Journ. Sci.*, X, 470—472).

—5. 1821. On the Geology of the North-eastern Border of Bengal. *Geol. Trans.*, Ser. 2, I, 132—137 (Abst., *As. Journ.*, XI, 271, 587—588; *Bull. Soc. Philom.*, XII, 38—39).

—6. 1821. On the Height of the Dhawalgiri, the White Mountain of Himalaya. *Quart. Journ. Sci.*, XI, 240—247.

——, *see* **Gerard, A., 649.**

NATIONAL ARCHIVES OF INDIA

Colebrooke, R. H.

338—1. 1795. On the Islands Nancowry and Comarty. *As. Res.*, IV, 129—133.

—2. 1795. On the Andaman Islands. *As. Res.*, IV, 385—395.

—3. 1795. On Barren Island and its Volcano. *As. Res.*, IV, 397—400.

—4. 1801. On the Course of the Ganges, through Bengal. *As. Res.*, VII, 1—31.

Collett, H.

339 . 1888. On certain Features in the Geological Structure of the Myelat District of the Southern Shan States in Upper Burmah as affecting the Drainage of the Country. *Journ. A. S. B.*, LVII, Pt. 2, 384—386.

Collet, Octave J. A.

340 . 1903. L'Étain; Étude Minière et Politique sur les États Federés Malaises. 8°, Bruxelles.

Collet Descostils, ————

341 . 1797. Analyse de la Ceylanite. *Journ. des Mines*, V, 421—428; *Ann. Chim.*, XXIII, 113—122.

Collier, C. F.

342 . 1850. On the nature of the Soils of the Bombay Presidency. *Trans. Bo. Geogr. Soc.*, IX, 99—110.

Collins, A. L.

343 . 1893. The Ghorband Lead-mines, Afghanistan. *Trans. N. E. Inst. Min. Eng.*, XLIII, 207—214; *Trans. Inst. Min. Eng.*, VI, 449—456 (Abst., *Eng. Min. Journ.*, LVII, 35).

Collins, W. H., *see* **Walker, T. L., 1873.**

Colquhoun, A. R.

344 . 1882. Exploration through the South China Borderlands, from the Mouth of the Si-Kiang to the Banks of the Irawadi. *Proc. R. Geogr. Soc.*, N. S., IV, 713—730, 760—765.

NATIONAL ARCHIVES OF INDIA

Colvin, J.

345—1. 1833. Note on Bones in the Delta Alluvium. *Journ. A. S. B.*, II, 649—650.

—2. 1835. [Letter on the collection of Fossil Bones in the Siwaliks.] *Journ. A. S. B.*, IV, 56—57.

—3. 1836. Catalogue of a Second Collection of Fossil Bones presented to the Asiatic Society's Museum. *Journ. A. S. B.*, V, 179—184.

—4. 1837. On additional fragments of the Sivatherium. *Journ. A. S. B.*, VI, 152—153; *Phil. Mag.*, Ser. 3, XII, 40—41.

————, *see* **Prinsep, J., 1436**—25.

Condon, J. H.

346 . . 1864. Note on the composition of Reh. *Sel. Rec. Govt. India*, XLII, 85—86.

Congalton, ————

347 . 1847. Examination of the Coast of the Malay Peninsula from Pulo Mutiara to Pulo Panjang in search of Coal Deposits, in November 1847. *Journ. Ind. Archipelago*, I, 353—359.

Congreve, H.

348—1. 1861. Observations upon the altered Rocks of the Neilgherries. *Mad. Journ. Lit. Sci.*, N. S., VI, 49—51.

—2. 1861. Contributions to the Geology and Mineralogy of the Neilgherry Hills. *Mad. Journ. Lit. Sci.*, N. S., VI, 226—259.

—3. 1879. Note on a Raised Beach at Aden. *Mad. Journ. Lit. Sci.* for 1878, 168—170.

Conolly, A.

349—1. 1834. Journey to the North of India, overland from England, through Russia, Persia, and Afghanistan. 8°, 2 Vols., London; 2nd Edn., 1838.

NATIONAL ARCHIVES OF INDIA

Conolly, A.—*contd.*

349—2. 1836. Note on Samar lake salt and earth. *Journ. A. S. B.*, V, 799—801.

—3. 1841. On a Mission into Khorasan. *Journ. A. S. B.*, X, 116—129.

———, *see* **Prinsep, J., 1436**—26

Conolly, E.

350—1. 1838. [Note on the fall of an aerolite in Central India.] *Journ. A. S. B.*, VII, 668—669.

—2. 1839. On an aerolite presented to the Society [Fall near Oujein, 23rd June 1838]. *Journ. A. S. B.*, VIII, 822—823.

—3. 1840. Sketch of the Physical Geography of Seistan. *Journ. A. S. B.*, IX, 710—726.

—4. 1841. Journal kept while travelling in Seistan. *Journ. A. S. B.*, X, 319—340.

Constable, C. G., *see* **Carter, H. J., 288**—21.

Conway, *Sir* **W. M.**

351—1. 1893. The Crossing of the Hispar Pass. *Geogr. Journ.*, I, 131—138.

—2. 1893. Exploration in the Mustagh Mountains. *Geogr. Journ.*, II, 289—303.

—3. 1894. The height of K_2. *Alp. Journ.*, XVII, 35—39, 131—132.

—4. 1894. Climbing and Exploration in the Karakoram Himalayas, 8°, 709 pp., London (Review, *Geol. Mag.*, Dec. 4, II, 88—89; *Alp. Journ.*, XVII, 209—213, T. G. Bonney; *Nature*, L, 199—201, LI, 196—197; *Peterm. Mitth.*, XLII, *Litt.*, 168).

—5. 1894. Climbing and Exploration in the Karakoram-Himalayas.—Scientific Reports. 8°, 127 pp., London.

NATIONAL ARCHIVES OF INDIA

Conway, *Sir* W. M.—*contd.*

351—6. 1899. A Stream of Alluvium. *Nature*, LIX, 390.

Conybeare, H.

352 . 1858. On the Physical Geography of the Neighbourhood of Bombay, as affecting the Design of the Works recently erected for the Water Supply of that City. *Rep. Brit. Assoc.*, XXVIII, *Sections*, 149.

———, *see* **Hamilton, W. J., 750.**

Conybeare, *Rev.* W. D.

353 . 1832. Summary of Calder's Memoir on the Geology of India. *Rep. Brit. Assoc.*, II, 395—396 (Abst., *Journ. A. S. B.*, II, 606—607).

Cook, H.

354—1. 1859. Geological Report on a part of Beloochistan. *Trans. Med. Phys. Soc. Bombay*, N. S., V, 105—113.

—2. 1860. Topographical and geological sketch of the Province of Sarawan, or northern portion of the table-land of Beloochistan. *Trans. Med. Phys. Soc. Bombay*, VI, 1—44.

—3. 1860. Topographical and geological sketch of a portion of the Province of Jhalawan and the eastern division of Mekran. *Trans. Med. Phys. Soc. Bombay*, VI, 45—103.

—4. 1861. Geological Discoveries in the Valley of Kelat and surrounding parts in Beloochistan. *Journ. Bo. As. Soc.*, VI, 184—194.

—5. 1863. [Note on the Discovery of Fossil Bones near Ootarse, in the Dekkan.] *Journ. Bo. As. Soc.*, VII, *Proc.*, xlviii.

Cooke, C. B.

355 . 1872. [Tin resources of Tenasserim.] *Ind. Economist*, III; 148—149.

38510

NATIONAL ARCHIVES OF INDIA

Coomaraswamy, A. K.

356—1. **1900.** On Ceylon Rocks and Graphite. *Quart. Journ. Geol. Soc.*, LVI, 590—615 (Abst., *Geol. Mag.*, Dec. 4, VII, 336; *Journ. Chem. Soc.*, LXXX, Pt. 2, 171—172, L. J. S.; *Min. Journ.*, LXX, 765; *Neu. Jahrb. f. Min.*, 1902, I, *Ref.*, 74—77, W. Salomon; *Zeits. f. Kryst.*, XXXVI, 87—88, H. L. Bowman; *Geol. Centralbl.*, I, 162, C. V. C.; *Phil. Mag.*, Ser. 6, I, 168).

—2. **1902.** The Crystalline Limestones of Ceylon. *Quart. Journ. Geol. Soc.*, LVIII, 399—424 (Abst., *Geol. Mag.*, Dec. 4, IX, 190—192; *Nature*, LXV, 503; *Zeits. f. Kryst.*, XXXIX, 82—84, H. L. Bowman; *Geol. Centralbl.*, III, 228, C. V. C.; *Phil. Mag.*, Ser. 6, IV, 421—423).

—3. **1902.** The Point-de-Galle Group (Ceylon): Wollastonite-Scapolite Gneisses. *Quart. Journ. Geol. Soc.*, LVIII, 680—689 (Abst., *Geol. Mag.*, Dec. 4, IX, 425—426; *Neu. Jahrb. f. Min.*, 1904, I, *Ref.* 383—384, W. Salomon; *Zeits f. Kryst.*, XXXIX, 85, H. L. Bowman; *Phil. Mag.*, Ser. 6, V, 174—175).

—4. **1902.** Occurrence of Radiolaria in Gondwana Beds near Madras. *Geol. Mag.*, Dec. 4, IX, 305—306.

—5. **1902.** Origin of the Crystalline Limestones of Ceylon. *Geol. Mag.*, Dec. 4, IX, 375—378 (Abst., *Neu. Jahrb, f. Min.* 1904, II, *Ref.* 54—55, K. Busz; *Geol. Centralbl.*, IV, 51).

—6. **1902.** Note on the Scenery of Ceylon. *Rep. Brit. Assoc.*, LXXII, 613—614; *Geol. Mag.*, Dec. 4, IX, 476—477 (*Abstracts*).

—7. **1903.** Report on the Mineralogical Survey of Ceylon. *Ceyl. Admn. Rep.*, Pt. 4, 1—12.

—8. **1903.** Contributions to Ceylon Geology: Occurrence of Corundum *in situ* near Kandy, Ceylon. *Geol. Mag.*, Dec. 4, X, 348—350 (Abst., *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 13—14, K. Busz; *Zeits. f. Kryst.*, XLI, 398—399, H. L. Bowman; *Geol. Centralbl.*, IV, 357—358).

NATIONAL ARCHIVES OF INDIA

Coomaraswamy, A. K.—*contd.*

356—9. **1904.** The Crystalline Rocks of Ceylon. *Spolia Zegl.*, I, 105—111 (Abst., *Geol. Centralbl.*, V, 288—289).

—10. **1904.** On Uraninite in Ceylon. *Spolia Zeyl.*, I, 112—113.

—11. **1904.** Mineralogical Notes. *Spolia Zeyl.*, II, 57—64 (Abst. *Geol. Mag.*, Dec. 5, II, 230; *Journ. Chem. Soc.*, LXXXVI, Pt. 2, 745, L. J. S.; *Nature*, LXXV, 306; *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 355—356; 1906, I, *Ref.*, 179—181, M. Bauer; *Geol. Centralbl.*, V, 638).

—12. **1904.** Mineral Resources of Ceylon. *St. Louis Exhibition Guide*, 8°, 7 pp., Colombo.

—13. **1904.** Contributions to the Geology of Ceylon. II.—Silicification of Crystalline Limestones. *Geol. Mag.*, Dec. 5, I, 16—19 (Abst., *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 392, K. Busz).

—14. **1904.** Contributions to the Geology of Ceylon. III.—The Balangoda Group. *Geol. Mag.*, Dec. 5, I, 418—422 (Abst., *Geol. Centralbl.*, IV, 637—638).

—15. **1905.** Contributions to the Geology of Ceylon. IV.—Intrusive Pyroxenites, Mica-Pyroxenites, and Mica-rocks in the Charnockite Series or Granulites in Ceylon. *Geol. Mag.*, Dec. 5, II, 363—369 (Abst., *Neu. Jahrb. f. Min.*, 1907, I, *Ref.* 392, K. Busz; *Geol. Centralbl.*, VII, 228; *Spolia Zeyl.*, III, 201).

—16. **1905.** Recent Marine Clays at Kuchavelli, Ceylon. *Geol. Mag.*, Dec. 5, II, 508—509.

—17. **1905.** The Rocks and Minerals of Ceylon (Guide to the Collections in the Colombo Museum). *Spolia Zeyl.*, III, 50—66 (Abst., *Neu. Jahrb. f. Min.*, 1906, I, *Ref.*, 181—185, M. Bauer).

—18. **1905.** [Note on Monazite in Ceylon.] *Rep. Min. Survey, Ceyl.*, 8—9.

—19. **1906.** On Minerals new or rare in Ceylon. *Spolia Zeyl.*, III, 198—199.

NATIONAL ARCHIVES OF KENYA

Coomaraswamy, A. K., *and* Dunstan, Wyndham, R.

357—1. 1904. Report on Thorianite and Thorite: with a Report on the Occurrence of Thorium-Bearing Minerals in Ceylon. Fol., 5 pp., Colombo.

—2. 1905. Reports on the occurrence of Cassiterite, Ceylon. 8°, 3 pp., Ratnapura (Abst., *Neu. Jahrb. f. Min.*, 1906, I, *Ref.* 166, M. Bauer).

Coomaraswamy, A. K., *and* Parsons, J.

358—1. 1904. Report on the Mineralogical Survey of Ceylon. *Ceyl. Admn. Rep.*, Pt. 4, 1—21 (Abst., *Neu. Jahrb. f. Min.*, 1906, I, *Ref.* 186—187, M. Bauer).

—2. 1905. Report on Ceylon Graphite. *Rep. Min. Survey, Ceyl.*, 2—4.

—3. 1905. [Report on Thorianite and Thorite in Ceylon.] *Rep. Min. Survey, Ceyl.*, 6—8.

—4. 1905. [Notes on Cassiterite in Ceylon.] *Rep. Min. Survey, Ceyl.*, 9 (Abst., *Neu. Jahrb. f. Min.*, 1906, I, *Ref.* 166, M. Bauer).

—5. 1905. Report on Gemming Districts in Ceylon. *Rep. Min. Survey, Ceyl.*, 10—12 (Abst., *Journ. Soc. Arts.*, LIII, 260).

Cooper, C. Forster, *see* **Forster-Cooper, 606.**

Cooper, T. T.

359—1. 1869. Notes on Western China. *Proc. A. S. B.*, 143—155.

—2. 1869. On the course of the Tsan-po and Irrawaddy and on Tibet. *Proc. R. Geogr. Soc.*, XIII, 392—395.

—3. 1871. On the Chinese Provinces of Yunnan and its Borders. *Proc. R. Geogr. Soc.*, XV, 163—174.

Cope, H.

360 . 1860. [Account of a Meteorite which fell at Dharmsala, July 14, 1860.] *Journ. A. S. B.*, XXIX, 410—411.

NATIONAL ARCHIVES OF INDIA

Copland, J.

361—1. 1815. Account of the Cornelian Mines in the neighbourhood of Baroach. *Trans. Bo. Lit. Soc.*, I, 289—295; *As. Journ.*, IX, 559—560; *Western India*, 491—496.

—2. 1856. Sur la mine de cornaline de Barotch, entre Bombay et Brouda. *Bull. Soc. Géol. France*, Ser. 2, XIII, 669—671 (Abst., *Neu. Jahrb. f. Min.*, 1858, 821—822).

Corbett, A. F.

362 . 1874. The Climate and Resources of Upper India. 8°, 104 pp., London.

Corbyn, F.

363 . 1836. [Accounts of the Baboo Koond, or burning well at Chittagong.] *Ind. Journ. Med. Phys. Sci.*, I, 156—157.

Cornish, W. R.

364—1. 1858. [On crystalline limestone in Coimbatore.] *Mad. Journ. Lit. Sci.*, N. S., IV, 150—152.

—2. 1870. The Shevaroy Hills. SHORTT'S *Hill Ranges of S. India*, Pt. 2, 1—34.

Cornu, F.

365 . 1907. Mineralvorkommen der Insel Ormuz. *Tscherm. Mitth.*, XXVI, 341—342.

Cortazzi, F. J.

366 . 1868. [Note on trials of Nerbudda Coal.] *Sel. Rec. Govt. India*, LXIV, 25—28.

Cossmann, M.

367 . 1900. Faune pliocénique de Karikal (Inde française). *Journ. de Conch.*, XLVIII, 14—66; LI, 105—173; Ser. 4, XII, 34 (Abst., *Revue Pal.*, V, 31, VII, 40, 120; *Geol. Centralbl.*, I, 380, V, 413, L. Pervinquière).

Cossmann, M., *and* Pissarro, G.

368 . 1909. The Mollusca of the Ranikot Series (with Introductory Note by E. W. Vredenburg), *Pal. Indica*, N. S., III, Pt. 1, 1—83 (Abst., *Geol. Centralbl.*, XIV, 247—249).

NATIONAL ARCHIVES OF INDIA

Costello, C. P.

369 . 1864. Observations on the Geological Features, etc., of the Country in the neighbourhood of Bunnoo and the Sanatorium of Shaikh Boodeen. *Journ. A. S. B.*, XXXIII, 378—380.

Costley, W. C.

370 . 1865. [Account of the fall of the Shergotty meteorite, 25th August, 1865.] *Proc. A. S. B.*, 193—194.

Cosyns, G.

371 . 1908. Contribution a l'etude de la thorianite de Ceylan. *Bull. Soc. belge Géol.*, XXII, *Proc. Verb.*, 254—257.

Cotter, G. de P.

372—1. 1907. Note on the Tatkan area ; blocks 21—26-N., Yenangyaung. *Rec. G. S. I.*, XXXVI, 130.

—2. 1907. Fossils from the Miocene of Burma. *Rec. G. S. I.*, XXXVI, 131—132.

—3. 1908. The Structure and age of the Taungtha Hills, Myingyan District, Upper Burma. *Rec. G. S. I.*, XXXVI, 149—155.

—4. 1909. The Southern part of the Gwegyo Hills, including the Payagyigon-Ngashandaung Oil-field. *Rec. G. S. I.*, XXXVII, 225—234.

—5. 1910. The Northern part of the Yenangyat Oil-field. *Rec. G. S. I.*, XXXVIII, 302—307.

—6. 1912. The Pegu-Eocene Succession in the Minbu District near Ngapé. *Rec. G. S. I.*, XLI, 221—239.

—7. 1912. Note on some Nummulites from the Burma Tertiaries. *Rec. G. S. I.*, XLI, 322—323.

—8. 1912. Note on the Limestone Hill near Thayetmyo. *Rec. G. S. I.*, XLI, 323.

—9. 1912. Notes on Indian Aerolites recorded since 1906. *Rec. G. S. I.*, XLII, 265—277.

NATIONAL ARCHIVES OF INDIA

Cotter, G. de P.—*contd.*

372—10. 1914. Notes on the value of Nummulites as Zone Fossils, with a description of some Burmese Species. *Rec. G. S. I.*, XLIV, 52—84 (Alst., *Revue Pal.*, XIX, 40—42, G. Dollfus).

—11. 1914. Some newly discovered Coal Seams near the Yaw River, Pakokku District, Upper Burma. *Rec. G. S. I.* XLIV, 163—185.

——, *see* **Pascoe, E. H., 1370.**

Cotter, G. de P., *and* Brown, J. Coggin

373—1. 1907. Notes on certain Glaciers in Kumaon. *Rec. G. S. I.*, XXXV, 148—157 (Review, *Nature*, LXXVII, 201).

—2. 1907. Note on the Occurrence of Orpiment on the Shankalpa Glacier, Kumaon. *Rec. G. S. I.*, XXXVI, 129.

Cotton, *Sir* A. T.

374 . 1859. Report on the Mahanuddi Delta. Report on the water communication between Calcutta and the Ganges. Memorandum on the proposed Mari Kanvái Tank in Mysore. 8°, 77 pp., Madras.

Coulthard, S.

375 . 1829. The Trap Formation of the Sagar District, and of those Districts Westward of it, as far as Bhopalpur, on the Banks of the River Newas, in Omatwara. *As. Res.*, XVIII, Pt. I, 47—81; *Western India*, 207—230 (Review, *Glean. Sci.*, I, 216—218; *As. Journ.*, XXVII, 74).

Counillon, ————

376 . 1907. Resultats de la Mission .... du Yunnan Méridional. II.—Note sur la Géologie de la Région de Po-si, Lounan, Mi-len, Tcu-tza, A-mi-tchéou. *Ann. des Mines*, Ser. 10, XI, 429—446.

Court, M. A.

377 . 1836. Extracts translated from a Memoir on a Map of Peshawar and the country comprised between the Indus and the Hydaspes, the Pencelaotis and Taxila of ancient geography. *Journ. A. S. B.*, V, 468—482.

NATIONAL ARCHIVES OF INDIA

Cowan, L.

378 . 1860. Memorandum on the produce of the Himalaya Hills. 8°, Lahore.

Cowasjee, Muncherjee

379 . 1871. Record of experiments on the resistance to crushing of different descriptions of stone, etc., used in Bombay Public Buildings. *Prof. Papers Ind. Eng.*, Ser. 2, I, No. ii, App. 4—6.

Cowper, A.

380 . 1865. Notes on Road Metalling. *Prof. Papers Ind. Eng.*, Ser. 1, II, 382—392.

Cox, A. F.

381 . 1895. Manual of North Arcot District (New Edition revised by H. A. Stuart). 8°, 2 Vols., Madras (*Chapter 1 contains notes on the Geology*, by R. B. Foote).

Cox, Hiram

382 . 1799. An Account of the Petroleum Wells in the Burmha Dominions, extracted from the Journal of a Voyage from Ranghong up the river Erai-Wuddey to Amarapoorah, the present Capital of the Burmha Empire. *As. Res.* VI, 127—136; *As. Ann. Reg.*, II, *Misc. Tracts*, 315—320; *Phil. Mag.*, IX, 226—234; *Bibl. Brit.*, XVI, *Sci.*, 376—392 (Abst., *Edin. Phil. Journ.*, V, 26—27).

Cracroft, W.

383—1. 1832. [Presentation of specimens of limestone from the Sylhet quarries.] *Journ. A. S. B.*, I, 74.

—2. 1832. Smelting of Iron in the Kasya Hills. *Journ. A. S. B.*, 1, 150—151.

—3. 1832. [Information respecting the coal of the Khasia Hills.] *Journ. A. S. B.*, I, 250, 252, 253, 363, 561: II, 44-45; *As. Journ.*, N. S., X, Pt. 2, 16.

—4. 1834. Notes relative to the collection of some Geological Specimens in the Kasia Hills between Assam and Nunklow. *Journ. A. S. B.*, III, 293—296.

NATIONAL ARCHIVES OF INDIA

Craig, J.

384—1. 1885. Maximum Flood-Discharges from Drainage Areas, with special reference to India. *Prof. Papers Ind. Eng.*, Ser. 3, III, 99—110; *Proc. Inst. C. E.*, LXXX, 201—212.

—2. 1885. Mean Co-efficient of Discharge from Catchment Areas. *Proc. Inst. C. E.*, LXXX, 213—220.

—3. 1886. Maximum Flood-Discharges from Catchment Basins of Indian Rivers. *Prof. Papers Ind. Eng.*, Ser. 3, IV, 27—29.

—4. 1886. Notes on the Flood which occurred in the River Morna on the night of the 14th July, 1886. *Prof. Papers Ind. Eng.*, Ser. 3, IV, 115—116.

Crawford, H.

385 . 1861. [Note on the smooth-water anchorages of Allepey.] *Mad. Journ. Lit. Sci.*, N. S., VI, 133—136.

Crawfurd, J.

386—1. 1823. Geological Observations made on a Voyage from Bengal to Siam and Cochin China. *Geol. Trans.*, Ser. 2, I, 406—408.

—2. 1827. Brief Narrative of an Embassy .... to the King of Ava, in 1826-27; with commercial notices of our new provinces on the eastern coasts of the Bay of Bengal, and an appendix giving an account of the new settlement of Amherst. 8°, 35 pp., London; *Edin. N. Phil. Journ.*, III, 359—370; *Edin. Journ. Sci.*, VIII, 10—25 (Abst., *Quart. Journ. Sci.*, XXIV, 490).

—3. 1829. Journal of an Embassy from the Governor-General of India to the Court of Ava in the year 1827. 4°, 516+89 pp., London; 2nd Edn., 2 Vols., 8°, London, Edinburgh and Dublin.

Cregeen, A.

387 . 1867. The Hindostan and Thibet Road. *Prof. Papers Ind. Eng.*, Ser. 1, IV, 373—398.

Crespigny, E. N. C. de, *see* **de Crespigny, 450.**

NATIONAL ARCHIVES OF INDIA

Crick, G. C.

388—1. 1902. Note on Dr. J. E. Gray's type-specimens of Jurassic Ammonites from India. *Proc. Malac. Soc. Lond.*, V, 285—289 (Abst., *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 320, Noetling).

—2. 1903. On *Ammonites robustus* (R. Strachey, MS.), H. F. Blanford, from the Himalayas. *Proc. Malac. Soc. Lond.*, V, 290—295 (Abst., *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 319—320, Noetling).

—3. 1904. Notes on the Cephalopoda belonging to the Strachey Collection from the Himalaya. *Geol. Mag.*, Dec. 5, I, 61—70, 115—124 (Abst., *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 320—321, Noetling).

—4. 1904. Note on two Cephalopods obtained by Lieut.-Col. Skinner, R.A.M.C., from the Valley of the Tochi River, on the North-west Frontier of India. *Geol. Mag.*, Dec. 5, I, 490—493 (Abst., *Neu. Jahrb. f. Min.*, 1905, I, *Ref.* 349, V. Uhlig).

—5. 1905. Cephalopoda from the North-west Frontier of India. *Geol. Mag.*, Dec. 5, II, 47—48.

——, *see* **Newton, R. B., 1296.**

Criper, W. R.

389 . 1885. Note on some Antimony Deposits in the Moulmain District. *Rec. G. S. I.*, XVIII, 151—153.

Crook, T.

390—1. 1908. Tin Ores from the Federated Malay States. *Bull. Imp. Inst*, VI, 155—157.

—2. 1909. On the use of the term 'Laterite.' *Geol. Mag.*, Dec. 5, VI, 524—526.

—3. 1910. Remarks on the Origin of Laterite. *Trans. Inst. Min. Met.*, XIX, 449—451.

—4. 1910. On the use of the Terms 'Laterite' and 'Bauxite.' *Geol. Mag.*, Dec. 5, VII, 233—235.

——, *see* **Blake, G. S., 141.**

NATIONAL ARCHIVES OF INDIA

Crook, T., and Johnstone, S. J.

391—1. 1911. On Strüverite from the Federated Malay States. *Mineral. Mag.*, XVI, 224—231; *Bull. Imp. Inst.*, IX, 354—355.

—2. 1911. Monazite Sand from Travancore, India. *Bull. Imp. Inst.*, IX, 103—105.

Crookewit, H.

392 . 1854. The Tin Mines of Malacca. *Journ. Ind. Archipelago*, VIII, 112—133 (Trans. from *Tijdschrift voor Nederl. Ind.*, No. 11, November 1851).

Cross, Whitman.

393 . 1914. Problems of Petrographic Classification suggested by the "Kodurite Series" of India. *Journ. Geol.*, XXII, 791—806.

Crosthwait, H. L.

394 . 1912. Investigation of the Theory of Isostasy in India. *Survey of India Prof. Paper No.* 13, 1—14 (Review, *Nature*, XC, 704; *Beitr. z. Geophys.*, XIII, Pt. 2, 157—158, W. Schweydar; *Peterm. Mitth.*, LIX, Pt. 2, 273—274, Th. Arldt).

Csoma de Körös, A.

395 . 1832. Geographical Notice of Tibet. *Journ. A. S. B.*, I, 121—127.

Cubbon, M.

396 . 1846. [List of Minerals from Southern India.] *Cal. Journ. Nat. Hist.*, VI, 214—220.

Cullen, W.

397—1. 1827. Notice of the Geological Features of a Route from Madras to Bellary, in April and May 1822. *Trans. Mad. Lit. Soc.*, I, 33—53; *Phil. Mag.*, Ser. 2, IV, 355—363, 435—443.

—2. 1840. [Note on beds of Lignite at Cannanore and Vorkully.] *Mad. Journ. Lit. Sci.*, XI, 242—243.

—3. 1840. [Note on coal on the Tenasserim R.] *Mad. Journ. Lit. Sci.*, XI, 388—389.

NATIONAL ARCHIVES OF INDIA

Cullen, W.—*contd.*

397—4. 1845. [Note on Graphite from Tinnevelly and Travancore.] *Journ. A. S. B.*, XIV, *Proc.* lxiv.

—5. 1845. [Note on a Limestone deposit on the Breakwater at Cochin.] *Journ. A. S. B.*, XIV, *Proc.*, cxvi—cxviii.

—6. 1847. On the Temperature of Wells and Springs at Trivandrum in India (Lat. 8° 31′, Long. 5h. 8 m.). *Proc. Roy. Soc. Edin.*, II, 128—129.

—7. 1857. Note on Graphite in Travancore. *Mad. Journ. Lit. Sci.*, N. S., II, 295—297.

Cunliffe, C. E.

398 . 1842. On the discovery of tertiary remains near Pondicherry. *Cal. Journ. Nat. Hist.*, II, 113—115.

——, *see* **Egerton, *Sir* P. de M. G., 533—1.**

——, *see* **Forbes, E., 598—2.**

——, *see* **McClelland, J., 1117—23.**

Cunningham, Alex.

399—1. 1841. Abstract Journal of the Route .... to the Sources of the Punjab Rivers. *Journ. A. S. B.*, X, 105—115.

—2. 1848. Correspondence of the Commissioners deputed to the Tibetan Frontier. *Journ. A. S. B.*, XVII, 89—132.

—3. 1848. Journal of a trip through Kulu and Láhul, to the Chu Mureri Lake, in Ladák, during the months of August and September 1846. *Journ. A. S. B.*, XVII, 201—230.

—4. 1853. A few Notes and Experiments on the Stone and Timber of the Gwalior Territory; showing their values as Building Materials. *Roorkee Prof. Papers*, No. IV, 1—95.

—5. 1854. Ladak, Physical, Statistical and Historical, with notices of the surrounding countries. 8°, 485 pp., London (Review, *Zeits f. Allg. Erdk.*, VI, 585—595, W. Schott).

——, *see* **Broome, A., 204.**

NATIONAL ARCHIVES OF INDIA

Cunningham, Allan

400 . 1860. Memorandum on the Irawadi River, with a monthly Register of its Rise and Fall from 1856 to 1858, and a measurement of its minimum discharge. *Journ. A. S. B.*, XXIX, 175—183.

Cunningham, J. W.

401—1. 1844. Notes on Moorcroft's Travels in Ladakh, and on Gerard's account of Kunáwar, including a general description of the latter district. *Journ. A. S. B.*, XIII, 172—253.

—2. 1849. Note on the Limits of Perpetual Snow in the Himalayas. *Journ. A. S. B.*, XVIII, 694—697; *Edin. N. Phil. Journ.*, XLVIII, 243—246.

—3. 1849. On the Embankments of Rivers, and on the Nature of Overflowing Rivers in Diluvial Plains. *Journ. A. S. B.*, XVIII, 697—702.

Cunningham-Craig, E. H.

402 . 1912. Oil-Finding: an Introduction to the Geological Study of Petroleum. 8°, 195 pp., London.

Currie, J.

403 . 1906. Note on the fugitive Colouration of Sodalite. *Nature*, LXXIV, 564.

Curzon of Kedleston, Earl

404 . 1896. The Pamirs and the Source of the Oxus. *Geogr. Journ.*, VIII, 15—54, 97—119, 239—264.

D

Dains, H. H.

405 . 1909. The Indian Magnesite Industry. *Journ. Soc. Chem. Ind.*, XXVIII, 503—505 (Abst., *Eng. Min. Journ.*, LXXXVII, 1075; *Stahl u. Eisen*, XXIX, 1511; *Chem. News*, XLIX, 249).

D'Almeida, W. Barrington

406 . 1876. Geography of Perak and Salangore, and a brief Sketch of some of the adjacent Malay States. *Journ. R. Geogr. Soc.*, XLVI, 357—380.

NATIONAL ARCHIVES OF INDIA

Dalton, E. T.

407—1. 1845. Report of a visit to the Hills in the neighbourhood of the Soobanshiri River. *Journ. A. S. B.*, XIV, 250—267.

—2. 1847. Correspondence with Major Jenkins, on the discovery of Coal of a very superior description, in a new situation in Upper Assam. *Cal. Journ. Nat. Hist.*, VII, 213—216.

—3. 1849. Earthquakes experienced in Assam in the latter end of January, 1849. *Journ. A. S. B.*, XVIII, 173—174.

—4. 1853. Account of a visit to the Jugloo and Seesu rivers in Upper Assam, together with a note on the Gold Fields of that Province by Major Hannay. *Journ. A. S. B.*, XXII, 511—521.

—5. 1855. Visit to Membu, an Abor Village, near the Dihong River. *Sel. Rec. Beng. Govt.*, XXIII, 151—169.

Dalton, E. T., and Hannay, S. F.

408 . 1856. Note on recent investigations regarding the extent and value of the auriferous deposits of Assam, being abstracts of Reports by Captain E. T. Dalton, and Lieut.-Col. S. F. Hannay, dated October 1855. *Mem. G. S. I.*, I, 90—93.

Dalton, L. V.

409 . 1908. Notes on the Geology of Burma. *Quart. Journ. Geol. Soc.*, LXIV, 604—644 (Abst., *Geol. Mag.*, Dec. 5, V, 284—285).

Dalton, T.

410—1. 1865. Notes of a tour made in 1863-64 in the Tributary Mehals under the Commissioner of Chota-Nagpore, Bonai, Gangpore, Odeypore and Sirgooja. *Journ. A. S. B.*, XXXIV, Pt. 2, 1—31.

—2. 1865. [Discovery of Lead Ore in Sirgooja.] *Journ, A. S. B.*, XXXIV, Pt. 2, 48.

NATIONAL ARCHIVES OF INDIA

Daly, D. D.

411—1. 1878. The Metalliferous Formation of the [Malay] Peninsula. *Journ. Str. As. Soc.*, II, 194—198.

—2. 1879. Caves at Sungei Batu in Selangor. *Journ. Str. As. Soc.*, III, 116—119.

—3. 1882. Surveys and Explorations in the Native States of the Malayan Peninsula, 1875—82. *Proc. R. Geogr. Soc.*, N. S., IV, 393—412.

D'Amato, *Père* Guiseppe

412 . 1833. A Short Description of the Mines of Precious Stones in the District of Kyatpyen, in the Kingdom of Ava. *Journ. A. S. B.*, II, 75—76.

Damour, A.

413—1. 1846. Analyse du Jade Oriental, réunion de cette substance à la Trémolite. *Ann. Chim. Phys.*, Ser. 3, XVI, 469—474 (Abst., *Journ. de Pharm.*, Ser. 3, X, 212).

—2. 1862. Note sur la Tcheffkinite de la côte du Coromandel. *Bull. Soc. Géol. France*, Ser. 2, XIX, 550—551 (Abst., *Neu. Jahrb. f. Min.*, 1863, 202—203).

—3. 1881. Nouvelles analyses sur la Jadéite et sur quelques roches sodifères. *Ann. Chim. Phys.*, Ser. 5, XXIV, 136—144; *Bull. Soc. franç. Min.*, IV, 157—164.

Dana, J. D.

414 . 1851. Note on Minerals from Western India. *Amer. Journ. Sci.*, Ser. 2, XI, 424.

Dangerfield, F.

415 . 1823. A Geological Sketch of Malwa. MALCOLM'S "*Central India*," Vol. II, Appendix No. II, 313—349; *Western India*, 231—246; *Ann. Sci. Nat.*, I, 249—260.

Daniel, J. A.

416—1. 1908. A visit to the Nitre Cave at Wellawaya, Uva [Ceylon]. *Spolia Zeyl.*, V, 107—108.

—2. 1909. Report on the Mineral Survey of Ceylon for 1908. *Ceylon Admn. Rep.*, Pt. IV, 1—13.

NATIONAL ARCHIVES OF INDIA

Daniel, J. A.—*contd.*

416—3. 1910. Report on the Mineral Survey of Ceylon for 1909. *Ceylon Admn. Rep.*, Pt. IV, 1—3.

Danvers, F. C.

417—1. 1868. Memorandum on Indian Coals, with reference to their employment as fuel for Indian Railways and Steamers. *Sel. Rec. Govt. India*, LXIV, 157—161.

—2. 1877. India. SPON'S *Information for Colonial Engineers*, No. 3. 8°, 148 pp., London.

d'Archiac, *Vicomte, and* Haime, J.

418 . 1853. Description des Animaux Fossiles du Groupe Nummulitique de l'Inde: précédée d'un Resumé Géologique et d'une Monographie des Nummulites. 4°, 373 pp., Paris (Abst., *Bull. Soc. Géol. France*, Ser. 2, X, 378—381; XII, 104—105).

——, *see* **Carter, H. J., 288—18.**

——, *see* **Fedden, F., 569—4.**

da Rovato, F. Guiseppe

419 . 1787. A letter .... containing some Observations relative to Borax. *Phil. Trans.*, LXXVII, 301—304; *Abridg.*, XVI, 284—285.

Darrah, H. Z.

420 . 1885. Notes on Assam Manufactures. III.—Iron Smelting in the Khási Hills. Fol., Shillong.

Daru, N. D.

421—1. 1909. Oil at Jaba, Mianwali District, Punjab. *Rec. G. S. I.*, XXXVIII, 257.

—2. 1910. Alum Shale and Alum Manufacture at and near Kalabagh, Mianwali District, Punjab. *Rec. G. S. I.*, XL, 265—282.

Das, Sarat Chandra

422—1. 1887. A brief account of Tibet from "Dsam Ling Gyeshe" the well-known geographical work of Lama Tsanpo Nomankhan of Amdo. *Journ. A. S. B.*, LVI, Pt. 1, 1—30 (Abst., *Proc. A. S. B.*, 1887, 7—11).

NATIONAL ARCHIVES OF INDIA

Das, Sarat Chandra—*contd.*

422—2. 1898. A Note on the Identity of the great Tsang-po of Tibet with the Dihong. *Journ. A. S. B.*, LXVII, Pt. 1, 126—129.

—3. 1898. An account of travels on the shores of Lake Yamdo-Croft. *Journ. A. S. B.*, LXVII, Pt. 1, 256—273.

—4. 1902. Journey to Lhasa and Central Tibet. Edited by the Hon. W. W. Rockhill. 8°, xiv+285 pp., London.

Das Gupta, Hem Chandra

423—1. 1908. Geological Notes on Hill Tipperah (including the Lalmai range in Comillah District). *Journ. A. S. B.*, N. S., IV, 349—351.

—2. 1909. On a Goniomya from the Cretaceous Rocks of Southern India. *Journ. A. S. B.*, N. S., V, 57.

—3. 1910. On a probable identity between *Clypeaster complanatus*, Duncan and Sladen, and *Clypeaster Duncanensis*, Noetling. *Journ. A. S. B.*, N. S., VI, 19—21.

—4. 1910. Palæontological Notes on the Gangamopteris Beds of Khunmu (in Kashmir). *Journ. A. S. B.*, N. S., VI, 179—180.

—5. 1911. On the occurrence of Maestrichtian fossils at Kacch station in British Baluchistan. *Journ. A. S. B.*, N. S., VII, 1—3.

—6. 1912. On a crystallized Slag from Kulti. *Journ. A. S. B.*, N. S., VIII, 401—402.

Datta, P. N.

424—1. 1895. Notes on a portion of the Lower Vindhyan area of the Sone Valley. *Rec. G. S. I.*, XXVIII, 144—150.

—2. 1896. Further notes on the Lower Vindhyan (Sub-Kaimur) area of the Sone Valley, Rewah. *Rec. G. S. I.*, XXIX, 76—82.

—3. 1900. Notes on the Geology of the country along the Mandalay-Kunlon Ferry Route, Upper Burma. *Gen. Rep. G. S. I.*, 1899—1900, 96—122.

NATIONAL ARCHIVES OF INDIA

Datta, P. N.—*contd.*

424—4. 1906. Notes on the Geology of parts of the Valley of the Kanhan River in the Nagpur and Chhindwara Districts, Central Provinces. *Rec. G. S. I.*, XXXIII, 221—228.

—5. 1910. On some Iron Ores of Chanda, Central Provinces. *Rec. G. S. I.*, XXXVIII, 308—312.

——, *see* **Oldham, R. D., 1325.**

Daubrée, G. A.

425—1. 1886. Météorites récemmment tombées daus l'Inde les 19 [9] février 1884 [Pirthalla] et 6 avril 1885 [Chandpur]. *C. R. Ac. Sci.*, CII, 96–97 (Abst., *Neu. Jahrb. f. Min.*, 1887, II, *Ref.* 45, E. Cohen).

—2. 1886. Météorite tombée le 27 janvier 1886, dans l'Inde, à Nammianthal, province de Madras. *C. R. Ac. Sci.*, CIII, 726—727 (Abst., *Neu. Jahrb. f. Min.*, 1887, II, *Ref.* 285—286, E. Cohen).

Dautremer, J.

426 . 1906. Production Minérale de la Birmanie en 1905. *Ann. des Mines*, Ser. 10, X, 573—575.

Dauvergne, H.

427 . 1892. Exploration daus l'Asie Centrale. *Bull. Soc. Géogr.*, Ser. 7, XIII, 5—40 (Review, *Scot. Geogr. Mag.*, VIII, 362—367).

David, T. W. Edgeworth

428 . 1896. Evidences of Glacial Action in Australia in Permo-Carboniferous Time. *Quart. Journ. Geol. Soc.*, LII, 289—301 (Abst., *Phil. Mag.*, Ser. 5, XLI, 522—523).

——, *see* **Etheridge, R., 551.**

Davidson, E.

429 . 1895. Development of the Petroleum Industry in Burma. *Journ. I. S. Inst.*, XLVII, 335 (Abst., from *Berg-und Hüttenmännische Zeitung*, LIV, 13—14).

Davidson, R.

430 . 1860. Earthquake in Ganjam, 25th February 1860. *Mad. Journ. Lit. Sci.*, N. S. V, 341—342.

NATIONAL ARCHIVES OF INDIA

Davidson, T.

431—1. 1861. On some Carboniferous Brachiopoda collected in India by A. Fleming, M.D., and W. Purdon, Esq., F.G.S., *Quart. Journ. Geol. Soc.*, XVIII, Pt. I, 25—35 (Abst., *Geologist*, IV, 550; *Neu. Jahrb. f. Min.*, 1862, 630—631; *Phil. Mag.*, Ser. 4, XXIII, 241).

—2. 1864. Note on the Carboniferous and Jurassic Brachiopoda collected by Capt. Godwin-Austen in the North-western Himalaya. *Quart. Journ. Geol. Soc.*, XX, Pt. I, 387.

—3. 1865. Note on some Carboniferous, Jurassic, and Cretaceous (?) Brachiopoda, collected by Captain Godwin-Austen in the Mustakh Hills, in Thibet. *Quart. Journ. Geol. Soc.*, XXII, Pt. I, 35—39.

—4. 1865. Notes on the Carboniferous Brachiopoda collected by Capt. Godwin-Austen in the Valley of Kashmere. *Quart. Journ. Geol. Soc.*, XXII, Pt. I, 39—45.

Davies, R. H.

432 . 1868. Proceedings of a Committee appointed to examine and report upon certain deposits, in ranges of mountains around Murree, supposed to be Coal. *Sel. Rec. Govt. India*, LXIV, 112—117.

Davies, T.

433 . 1878. Note on 'Jadeite' and 'Jade.' *Geol. Mag.*, Dec. 2, V, 192.

Davies, W.

434 . 1880. On some Fossil Bird-Remains from the Siwalik Hills in the British Museum. *Geol. Mag.*, Dec. 2, VII, 18—27 (Abst., *Neu. Jahrb. f. Min.*, 1881, II, *Ref.*, 266—267, W. Waagen).

Davis, J. F.

435 . 1827. Geographical Notice of the Frontiers of the Burmese and Chinese Empires, with the copy of a Chinese Map. *Trans. R. As. Soc.*, II, 90—94.

Davis, W. M.

436—1. 1897. Note on the Assam Earthquake of June, 1897. *Science*, N. S., VI, 834.

NATIONAL ARCHIVES OF INDIA

Davis, W. M.—*contd.*

436—2. 1905. A Journey across Turkestan. *Carnegie Inst.*, No. 26, 22—119.

Davison, C.

437—1. 1893. Note on the Quetta Earthquake of December 20th, 1892. *Geol. Mag.*, Dec. 3, X, 356—360 (Abst., *Neu. Jahrb. f. Min.*, 1894, II, *Ref.* 248, H. Behrens).

—2. 1905. Note on the Indian Earthquake (April 4th). *Geogr. Journ.*, XXV, 548—549.

—3. 1905. Record of the Indian Earthquake of April 4th 1905, at Birmingham. *Nature*, LXXI, 589 (Abst., *Geol. Centralbl.*, VII, 595; *Boll. Soc. Sism. Ital.*, X, 210—213).

—4. 1912. The Indian Earthquake of 1905. *Knowledge*, XXXV, 287—291.

Davy, J.

438—1. 1816. Account of a Journey to the Summit of Adam's Peak in the Island of Ceylon. *Ann. Philos.*, VII, 300—302.

—2. 1818. A Description of Adam's Peak [Ceylon]. In a letter addressed to Sir Humphrey Davy. *Quart. Journ. Sci.*, V, 25—30 (Abst., *Ann. Philos.*, XII, 143—144; *Bull. Soc. Philom.*, 1818, 29).

—3. 1818. Extract of a letter to Sir H. Davy. *Quart. Journ. Sci.*, V, 233—235 (Gem gravels, salt lakes, etc., of Ceylon).

—4. 1818. Chemical Examination of some Substances used in Ceylon as Remedies against the Bites of venomous Serpents. *Phil. Mag.*, LI, 122—123; *Journ. de Méd.*, I, 299—300.

—5. 1818. On the Geology and Mineralogy of Ceylon. *Geol. Trans.*, Ser. 1, V, 311—327.

—6. 1820. Analysis of the Snake-Stone. *As. Res.*, XIII, 317—322; *Journ. de Pharm.*, IX, 162—163.

NATIONAL ARCHIVES OF INDIA

Davy, J.—*contd.*

438—7. 1820. Scientific tour in Ceylon. *As. Journ.*, IX, 353.

—8. 1821. An Account of the Interior of Ceylon, and of its inhabitants, with Travels in that Island. 4°, 530 pp., London (Abst., *As. Journ.*, XIII, 475; *Phil. Mag.*, LIX, 415).

—9. 1823. Sur les Sources chaudes de l'île de Ceylan. *Ann. Chim. Phys.*, XXIII, 269—271 (Abst., *Ann. des Mines*, IX, 363).

—10. 1824. Sur les Nitrières naturelles de Ceylan. *Ann. Chim. Phys.*, XXV, 209—214 (Abst., *Ann. des Mines*, Ser. 1, X, 109—110; *Bull. Soc. Philom.*, 1825, 55—56, S. Leman).

Dawe, W.

439—1. 1837. Memorandum of the progress of sinking a Well in the bunds of Chandpur, near the foot of the Hills. *Journ. A. S. B.*, VI, 52—54.

—2. 1837. [Presentation of Fossil Bones.] *Journ. A. S. B.*, VI, 899.

—3. 1843. [Note on Fossil Mammalia in the Dadoopoor Museum.] *Journ. A. S. B.*, XII, 919.

Dawson, A. W.

440 . 1907. The Supply of Drinking Water in India and its connection with the Subsoil Water. *Water*, IX, 75—76.

Day, F.

441 . 1861. On the Narrikal or Cochin Mud Bank. *Mad. Journ. Lit. Sci.*, N. S., VI, 260—263.

Dean, E.

442—1. 1835. On the Strata of the Jumna Alluvium, as exemplified in the Rocks and Shoals lately removed from the bed of the river; and of the Sites of the Fossil Bones discovered therein. *Journ. A. S. B.*, IV, 261—278.

NATIONAL ARCHIVES OF INDIA

Dean, E.—*contd.*

442—2. 1835. On the Fossil Bones of the Jumna River. *Journ. A. S. B.*, IV, 495—500 (Abst., *Bibl. Univ.*, N. S., VII, 197—198, I. M.; *Ann. des Mines*, Ser. 3, XI, 472; *Neu. Jahrb. f. Min.*, 1838, 445—446).

—3. 1836. [Exhibition of Fossil Bones from the Jumna.] *Journ. A. S. B.*, V, 588—589.

Deane, A.

443 . 1875. Ceylon. SPON'S *Information for Colonial Engineers*, No. 1. 8°, 44 pp., London.

Deane, H. S.

444 . 1879. Survey Report on Uul Perak. *Journ. Str. As. Soc.*, III, 135—139.

Deasy, H. H. P.

445—1. 1900. Journeys in Central Asia. *Geogr. Journ.*, XVI, 141—164 501—527 (Abst., *Rep. Brit. Assoc.*, LXX, 812; *La Géographie*, III, 394—397, F. Grenard).

—2. 1901. In Tibet and Chinese Turkestan. Being the Record of three years' Exploration. 8°, 420 pp., London (Review, *Scot. Geogr. Mag.*, XVII, 310—321; *Nature*, LXIV, 653—654, T. H. H.).

de Barros, ——, *see* **Wilson, C. R., 1940.**

de Beaumont, L. Elie

446 . 1831. Sur les Rapports qui existent entre le relief du sol de l'île de Ceylan et celui de certaines masses de montagnes qu'on aperçoit sur la surface de la Lune. *Ann. Sci. Nat.*, XXII, 88—96 (Abst., *Jahrb. f. Min.*, 1832, 110—111).

de Blainville, H. D.

447—1. 1836. Sur une tête de chameau fossile dans un grès des Sous-Hymalaïa. *C. R. Ac. Sci.*, III, 528—529; *Ann. Sci. Nat.*, Ser. 2, VI, *Zool.*, 317—319 (Abst., *Neu. Jahrb. f. Min.*, 1838, 604).

—2. 1837. Sur le Chameau fossile et sur le *Sivatherium* des Sous-Himalayas méridionaux. *C. R. Ac. Sci.*, IV, 71—76, 166—168, 380.

NATIONAL ARCHIVES OF INDIA

de Bournon, *Comte* **J. L.**

448—1. **1798.** An Analytical Description of the Crystalline forms of Corundum, from the East Indies and from China. *Phil. Trans.*, LXXXVIII, 428—444; *Abridg.*, XVIII, 368—377.

—2. **1802.** Mineralogical Description of the various Stones said to have fallen upon the Earth. *Phil. Trans.*, XCII, 180—203 (*Includes description of the Benares Meteorite*, December 19, 1798).

—3. **1802.** Description of the Corundum Stone, and its Varieties, commonly known by the names of Oriental Ruby, Sapphire, etc., with Observations on some other mineral Substances. *Phil. Trans.*, XCII, 233—326; *Proc. Roy. Soc.*, I, 82—87 (Abst., *Journ. des Mines*, XIV, 1—28, 81—105, Cit. Tounellier).

—4. **1815.** Catalogue raisonné des Diamants dans le cabinet de Sir Abraham Hume, *Bart.*, with English translation. 4°, xxi + 33 pp., London.

—5. **1823.** Observations sur quelques-uns des Minéraux, soit de l'île de Ceylan, soit de la Côte de Coromandel, rapportés par M. Leschenault de Latour. 4°, Paris (Abst., *Phil. Mag.*, LXIII, 30—36).

————, *see* **Silliman, B., 1633**—1, —2.

Déchy, Moritz

449 . **1880.** Mountain Travel in the Sikkim Himalaya. *Alp. Journ.*, X, 1—11; *Mitth. k. k. Geogr. Ges.*, XXIII, 465—472, 529—533; *Peterm. Mitth.*, XXVI, 459—463.

de Crespigny, E. N. C.

450 . **1857.** Discovery of beds of Lignite under the Laterite at Ratnagherry. *Journ. Bo. As. Soc.*, V, 626—628.

de Filippi, F.

451—1. **1910.** The Expedition of H. R. H. the Duke of Abruzzi to the Karakoram Mountains. *Geogr. Journ.*, XXXVII, 19—30 (Abst., *Nature*, LXXXV, 124, 450; *La Géographie*, XXIII, 139—140, C. Rabot).

NATIONAL ARCHIVES OF INDIA

de Filippi, F.—*contd.*

451—2. 1912. Karakoram and Western Himalaya, 1909. An account of the Expedition of H. R. H. Prince Luigi Amadeo of Savoy, Duke of the Abruzzi. 8°, 2 Vols., London (Review, *Scot. Geogr. Mag.*, XXIX, 87—89; *Peterm. Mitth.*, LX, Pt. 1, 154, Oestreich; *Zeits. Ges. f. Erdk.*, XLVIII, 730—731, Oestreich).

—3. 1913. Piano generale di una spedizione scientifica nel Karakoram orientale coll' intento di esplorare e rilevare la porzione tuttora ignorata della catena e di compiere osservazione sistematiche nei varii rami della fisica terrestre. *Atti R. Accad. Lincei, Rendic.*, Ser. 5, XXII, Pt. 1, 76—81.

—4. 1914—1915. Relazioni sulla spedizione scientifica nel Karakoram orientale. *Atti. R. Accad. Lincei, Rendic.*, Ser. 5, XXIII, Pt. 1, 34—35, 874—879; Pt. 2, 394—401; XXIV, 134—138.

—5. 1915. Expedition to the Karakoram and Central Asia. *Geogr. Journ.*, XLVI, 85—105 (Review, *Nature*, XCV, 622; XCVI, 145—147, T. H. D. L., *Alp. Journ.*, XXIX, 87—89).

————, *see* **Merz, A., 1210—1.**

De Havilland, ————

452 . 1855. [Memorandum on the manufacture of Salt in the Madras Presidency.] *Sel. Rec. Mad. Govt.*, Ser. 2, XVI, 83—91.

Dejoux, P.

453—1. 1873. On Margohi Cement. *Prof. Papers Ind. Eng.*, Ser. 2, II, 9—20.

—2. 1876. Remarks on Artificial Puzzolana made with Burnt Clay. *Prof. Papers Ind. Eng.*, Ser. 2, V, 10—13.

—3. 1876. Experiments on the strength of Indian Cements. *Prof. Papers Ind. Eng.*, Ser. 2, V, 229—237.

—4. 1876. Further Notes on Indian Cements. *Prof. Papers Ind. Eng.*, Ser. 2, V, 425—427.

—5. 1878. Paper on Limes, Cements, Sands, Surkhi and Mortars. *Prof. Papers Ind. Eng.*, Ser. 2, VII, 375—388.

NATIONAL ARCHIVES OF INDIA

Dejoux, P., *see* **Brownlow, H. A., 218.**

de Koninck, L.

454 . 1862. Descriptions of some Fossils from India, discovered by Dr. A. Fleming, of Edinburgh. *Quart. Journ. Geol. Soc.*, XIX, Pt. 1, 1—19 (Abst., *Neu. Jahrb. f. Min.*, 1863, 626; *Phil. Mag.*, Ser. 4, XXIV, 491).

de la Croix, J. Errington

455—1. 1881. Some account of the Mining Districts of Lower Perak. *Journ: Str. As. Soc.*, VII, 1—10.

—2. 1882. Les mines d'Étain de Perak. *Archives des Missions Scientifiques et Littéraires*, Ser. 3, IX, 1—78 (Review, *Nature*, XXVIII, 202—203, B. H.; *Min. Journ.*, LIII, 1169).

—3. 1883. Le Royaume de Perak. *Bull. Soc. Géogr.*, Ser 7, IV, 333—352.

—4. 1885. Sept mois au pays de l'étain. Perak (presqu'île de Malacca). *Bull. Soc. Géogr.*, Ser. 7, VI, 394—432.

De la Hoste, *or* Del' Hoste, E. P.

456—1. 1838. On the Nerbudda River. *Trans. Bo. Geogr. Soc.*, I, 174—183.

—2. 1840. Memoranda respecting the existence of Copper in the territory of Luz, near Bela. *Journ. A. S. B.*, IX, 30—33; *Trans. Bo. Geogr. Soc.*, VI, 117—119 (Abst., *As. Journ.*, N. S., XXXIV, Pt. 1, 88).

—3. 1840. Report on the country between Kurrachee, Tutta, and Sehwan, Scinde. *Journ. A. S. B.*, IX, 907—916; *Sel. Rec. Bo. Govt.*, N. S., XVII, Pt. 1, 259—267.

—4. 1848. [Notes on the country between Viziadroog and the Phoonda Ghat.] *Trans. Bo. Geogr. Soc.*, VIII, *Proc.* xxxviii—xl.

de Lapparent, A.

457—1. 1902. La genèse du continent Asiatique, d'après M. Ed. Suess. *La Géographie*, VI, 357—362.

NATIONAL ARCHIVES OF INDIA

de Lapparent, A.—*contd.*

457—2. 1903. Note sur les Calcaires à Productus du Salt-Range. *Bull. Soc. Géol. France*, Ser. 4, III, 303—308 (Abst., *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 282, Noetling).

De la Rue, Warren, *and* Müller, H.

458 . 1856. Chemical Examination of Burmese Naphtha, or Rangoon Tar. *Proc. Roy. Soc.*, VIII, 221—228 (Abst., *Journ. f. prakt. Chem.*, LXX, 300—303).

de Launay, L.

459—1. 1903. Notes sur la Théorie des Gîtes Mineraux.-1, La Géologie de Graphite. *Ann. des Mines*, Ser. 10, III, 50—86 (Abst., *Trans. N. E. Inst. Min. Eng.*, LIII, *App.*, 32—33, L. L. B.).

—2. 1911. La Géologie et les Richesses Minérales de l'Asie. Historique—Industries—Production — Avenir—Metallogenie. 8°, 816 pp., Paris (Abst., *Geol. Centralbl.*, XVII, 197—198; *Peterm. Mitth.*, LIX, Pt. 2, 31, F. Kossmat).

de Margerie, E.

460 . 1886. Esquisse géologique de l'Inde Orientale. *Ann. Géol. Univ.*, II, Pt. 2, 38—46.

de Martonne, E.

461 . 1911. L'évolution du relief de l'Asie centrale : d'après des publications récentes. *La Géographie*, XXIII, 39—58 (Abst., *Scot. Geogr. Mag.*, XXVII, 312—313).

de Montessus de Ballore, F.

462—1. 1896. Seismic Phenomena in the British Empire. *Quart. Journ. Geol. Soc.*, LII, 651—668.

—2. 1902. Sur les causes générales d'instabilité sismique dans l'Inde. *C. R. Ac. Sci.*, CXXXV, 598—600 (Abst., *Geol. Centralbl.*, IV, 19—20, E. Haug).

—3. 1904. The Seismic Phenomena in British India, and their connection with its Geology. *Mem. G. S. I.*, XXXV, 153—194 (Abst., *Geol. Centralbl.*, VI, 452, A. Sieberg).

NATIONAL ARCHIVES OF INDIA

de Morgan, J.

463 . 1886. Note sur la Géologie et sur l'Industrie Minière du Royaume de Pérak et des pays Voisins (Presqu'ile de Malacca). *Ann. des Mines*, Ser. 8, IX, 368—444 (Abst., *Neu. Jahrb. f. Min.*, 1887, II, 314—315, A. W. Stelzner).

de Mortillet, G.

464 . 1877. Origine de Jadeite. *Bull. Soc. Géol. France*, Ser. 3, VI, 38—39.

Deniker, J.

465—1. 1906. Les récentes publications sur Lhassa et le Tibet. *La Géographie*, XIII, 103—124.

—2. 1908. La géographie et la géologie de l'Himalaya et du Tibet d'ápres le Colonel Burrard et M. Hayden. *La Gèographie*, XVIII, 379—386.

Denison, *Sir* W.

466 . 1862. On the death of Fishes during the Monsoon off the Coast of India. *Quart. Journ. Geol. Soc.*, XVIII, Pt. I, 453.

de Poncins, E.

467 . 1895. Du Turkestan au Kashmir à travers les Pamirs *Bull. Soc. Géogr.*, Ser. 7, XVI, 516—560.

Deprat, J.

468—1. 1910. Sur la répartition géographique des différents étages reconnus au Yun-nan (Mission gèologique 1909—1910). *C. R. Ac. Sci.*, CLI, 776—778.

—2. 1910. Sur la tectonique du Yun-nan. *C. R. Ac. Sci.*, CLI, 902—904.

—3. 1910. L'activité séismique dans le Yun-nan méridional en 1909. *C. R. Ac. Sci.*, CLI, 1011—1014.

—4. 1910. Resumé des résultats de la mission géologique du Yun-nan. *Bull. Soc. Géol. France*, Ser. 4, X, 719—721.

—5. 1911. Sur la classification des calcaires á Fusulines en Chine et en Indo-Chine. *C. R. Ac. Sci.*, CLII, 736—738.

NATIONAL ARCHIVES OF INDIA

Deprat, J.—*contd.*

468—6. 1915. Sur la découverte du Cambrien moyen et supérieur au Tonkin, au Kwang-si et dans le Yun-nan méridional. *C. R. Ac. Sci.*, CLXI, 794—796.

Deprat, J., *and* Mansuy, H.

469 . 1910. Résultats stratigraphiques généraux de la Mission géologique du Yun-nan. *C. R. Ac. Sci.*, CLI, 572,—574.

Deputy Commissioner, Dharmsala.

470 . 1862. The Dharmsalla Aërolite. *Journ. Geol. Soc. Dublin*, X, 7—11.

Derby, O. A.

471 . 1884. On the Flexibility of Itacolumite. *Amer. Journ. Sci.*, Ser. 3, XXVIII, 203—205.

———, *see* **Waagen, W., 1859—22.**

de Röepstorff, F. A.

472—1. 1875. The Nicobar Islands. *Geogr. Mag.*, II, 44—47.

—2. 1876. The Andaman Islands. *Geogr. Mag.*, III, 182—184.

de Romé de Lisle.

473 . 1787. Note envoyée .... à M. de la Métherie, relativement á la figure primitive des Rubis, Saphirs et Topazes d' Orient. *Journ. Phys. Chim.*, XXX, 3687—30.

Derrick, W. H.

474 . 1898. Notes on Lode Tin Mining in the Malay Peninsula. *Trans. Inst. Min. Met.*, VII, 12—19 (Abst., *Eng. Min. Journ.*, LXVIII, 784—785).

de Saussure, Theod.

475 . 1806. Analyses du Jade. *Journ. des Mines*, XIX, 206—218; *Nich. Journ.*, XX, 104—113.

Descostils, *see* Collet Descostils.

NATIONAL ARCHIVES OF INDIA

Desgodins, *l'abbé* A.

476—1. 1876. Notice sur la Thibet. *Bull. Soc. Géogr.*, Ser. 6, XII, 315—326; XIV, 429—434 (Review, *Geogr. Mag.* IV, 14—15).

—2. 1876. Pays frontières du Thibet, de la Birmanie et du Yunnan. *Bull. Soc. Géogr.*, Ser. 6, XII, 401—412.

—3. 1876. Notes géologiques sur la route de Yerkalo à Pa-tang. *Bull. Soc. Géogr.*, Ser. 6, XII, 492—508.

—4. 1876. Notes sur le territoire de Bathany. *Bull. Soc. Géogr.*, Ser. 6, XII, 614—625.

—5. 1878. Note on the course of the Brahmaputra river. *Geogr. Mag.*, V, 19—20.

—6. 1878. [On the identity of Yar-kin-tsang-po with the Brahmaputra.] *Proc. A. S. B.*, 24—27.

—7. 1880. On the Eastern Frontier of Thibet. *Proc. A. S. B.*, 197—202.

—8. 1884. La région Limitrophe du Thibet, de la Birmanie, de l'Assam et de la Chine. *Bull. Soc. Géogr.*, Ser.7, V 278—288.

—9. 1890. Notes sur la Thibet. *Bull. Soc. Géogr.*, Ser. 7, XI, 255—279.

Desmazures, Th., *and* Guyardet, A.

477 . 1864. Sur quelques coquilles fossiles du Thibet. *C. R. Ac. Sci.*, LVIII, 878; *Geol. Mag.*, Dec. 1, I, 76.

de Tchihatchef, P.

478 . 1882. The Deserts of Africa and Asia. *Rep. Brit. Assoc.*, LII, 356—374 (Abst., *C. R. Ac. Sci.*, XCV, 500—533; *Bull. Soc. Géol. France*, Ser. 3, XI, 151—154).

de Verneuil, E.

479—1. 1848. [Note sur *Physa gigantea* de Golconde.] *Bull. Soc. Géol. France*, Ser. 2, V, 383—384 (Abst., *Neu. Jahrb. f. Min.*, 1849, 123).

NATIONAL ARCHIVES OF INDIA

de Verneuil, E.—*contd.*

479—2. 1866. Note on Fossils collected in Kashmir, etc., by M. A. M. Verchère. *Journ. A. S. B.*, XXXVI, Pt. 2, 201—229.

Dew, A. T.

480 . 1887. An Exploring Expedition from Selama, Perak, over the Mountains to Pong, Patani, in November 1883. *Journ. Str. As. Soc.*, XIX, 105—120.

de Zigno, Achille.

481—1. 1856-1881. Flora Fossilis Formationis Oolithica. Le piante fossili dell'oolite. 4°, 2 Vols., Padova.

—2. 1864. Sopra i Depositi di Piante Fossili dell' America Settentrionale, delle Indie, e dell' Australia che alcuni autori riferiono all' Epoca oolitica. *Revista Period, Accad. Sci. Padova*; *Geol. Mag.*, Dec. 1, I, 166—167.

Dhari, Alakh.

482 . 1906. On Glass-Making in India. *Report II Ind. Indust. Conf.*, 296—309.

Dick, A.

483 . 1892. On Geikielite, a new Mineral from Ceylon. *Mineral. Mag.*, X, 145—147 (Abst., *Zeits. f. Kryst.*, XXV, 296, C. Hintze).

Dickens, C. H.

484—1. 1849. Memorandum of Experiments on, and Analysis of, specimens of Kunkur, from about the 393rd Milestone on the Grand Trunk Road, near Naubutpore. *Sel. Rec. Govt. N.-W. P.*, II, Pt. 7, No. XXXVI, 105—107; N. S., III, No. 19, 349—352.

—2. 1865. Note on the Flood Discharge of Rivers and Streams with reference to determining the Size of Bridges from Drainage areas. *Prof. Papers Ind. Eng.*, Ser. 1, II, 133—136.

Dickson, A. A. C.

485—1. 1908. The Kodarma Mica Mines and Mining. *Trans. Min. Geol. Inst. Ind.*, III, 57—71.

NATIONAL ARCHIVES OF INDIA

Dickson, A. A. C.—*contd.*

485—2. 1913. Notes on the Indian Mica Industry, *Min. Journ.*, CII, 762—764.

Diener, C.

486—1. 1892. Schreiben über seine Forschungsreise nach dem centralen Himalaya aus Almora (Kumaon). *Anz. k. Akad. Wiss.*, XXIX, 137—138, 155—156, 196—199, 213—216.

—2. 1893. Bericht über die im Sommer des verflossenen Jahres .... unternommene geologische Expedition in der Central-Himalaya von Johar, Hundés und Painkhanda, und Vorlage der während derselben angefertigen Photogramme, 52 an der Zahl. *Anz. k. Akad. Wiss.*, XXX, 26—27.

—3. 1893. Über seine Expedition in den Central Himalaya von Kumaon, Hundés und Garhwál. *Verh. Ges. f. Erdk.*, XX, 297—313 (Abst., *Geogr. Journ.*, II 258—261; *Scot. Geogr. Mag.*, IX, 538—540).

—4. 1895. Himalayan Fossils:—The Cephalopoda of the Muschelkalk. *Pal. Indica*, Ser. XV, II, Pt. 2, 1—120 (Review, *Geol. Mag.*, Dec. 4, IV, 564—565; *Neu. Jahrb. f. Min.*, 1897, II, *Ref.* 205—209, Benecke).

—5. 1895. Ergebnisse einer geologischen Expedition in den Central-Himalaya von Johar, Hundes, und Painkhanda. *Denks. k. Akad. Wiss.*, LXII, 533—608 (Abst., *Neu. Jahrb. f. Min.* 1897, II, *Ref.* 113—119 Deecke; *Mitth. k. k. Geogr. Ges.* XXXIX, 99—100, E. Tietze; *Anz. k. Akad. Wiss.*, XXXII, 84—86; *Peterm. Mitth.*, XLII, *Litt.* 172, Supan).

—6. 1895. Der geologische Bau der Sedimentärzone des Central-Himalaya zwischen Milam und dem Niti-Pass. *Verh. k. k. Geol. Reichsanst*, 370—376.

—7. 1895. Postpliocäne Verschiebungen der Wasserscheide im Zentral-Himalaya. *Peterm. Mitth.*, XLI, 268—269.

—8. 1896. Die Eiszeit im Himalaya. *Mitth. k. k. Geogr. Ges.*, XXXIX, 1—35.

NATIONAL ARCHIVES OF INDIA

Diener, C.—*contd.*

486—9. 1897. The Permo-Carboniferous Fauna of Chitichun No. 1. *Pal. Indica*, Ser. XV, I, Pt. 3, 1—105 (Abst., *Nature*, LIX, 565; *Neu. Jahrb. f. Min.* 1901, I, *Ref.* 274—276, Frech).

—10. 1897. The Permian Fossils of the Productus Shales of Kumaon and Garhwal. *Pal. Indica*, Ser. XV, I, Pt. 4, 1—54 (Abst., *Revue Pal.*, II, 99).

—11. 1897. Himalayan Fossils:—The Cephalopoda of the Lower Trias. *Pal. Indica*, Ser. XV, II, Pt. 1, 1—182 (Review, *Ann. Mag., Nat. Hist.*, Ser. 7, XI, 241—244; *Revue Pal.*, III, 21—24; *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 537—544, Benecke; *Verh. k. k. Geol. Reichsanst.*, 1897, 362—364, G. Geyer).

—12. 1897. Die Äquivalente der Carbon-und Perm-formation im Himalaya. *Sitz. k. Akad. Wiss.*, CVI, Abth. 1, 447—465.

—13. 1898. Notes on the Geological Structure of the Chitichun Region. *Mem. G. S. I.*, XXVIII, 1—27.

—14. 1899. Anthracolithic Fossils of Kashmir and Spiti. *Pal. Indica*, Ser. XV, I, Pt. 2, 1—96 (Abst., *Revue Pal.*, IV, 154—155; *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 263-264, Frech).

—15. 1900. Ueber die Grenze des Perm- und Triassystems im ostindischen Faunengebiete. *Centralbl.*, I 1—5 (Abst., *Geol. Centralbl.*, I, 280, H. Lotz).

—16. 1901. Ueber das Alter der Otoceras beds des Himalaya. *Centralbl.*, II, 513—518, 655—657 (Abst., *Geol. Centralbl.* III, 608—609, H. Lotz).

—17. 1902. Zur Erinnerung an Albrecht von Krafft. *Jakrb. k. k. Geol. Reichsanst*, LI, 149—158.

—18. 1903. The Permian Fossils of the Central Himalayas. *Pal. Indica*, Ser. XV, I, Pt. 5, 1—204 (Abst., *Nature*, LXX, 86; *Revue Pal.*, IX, 28—29; *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 278—282, Noetling).

NATIONAL ARCHIVES OF INDIA

Diener, C.—*contd.*

486—19. **1904.** Note on *Cyclolobus Haydeni*, Diener. *Rec. G. S. I.*, XXXI, 56—58.

—20. **1905.** Notes on an Anthracolithic Fauna from the mouth of the Subansiri Gorge, Assam. *Rec. G. S. I.*, XXXII, 189—198.

—21. **1905.** The Triassic Fauna of the Tropites limestone of Byans. *Rec. G. S.I.*, XXXII, 219—227.

—22. **1905.** Über die stratigraphische Stellung der Otoceras beds des Himalaya. *Centralbl.*, VI, 1—9, 36—45.

—23. **1905.** Die triadische Fauna des Tropitenkalkes von Byans (Himalaya). *Sitz. k. Akad. Wiss.*, CXIV, Abth. 1, 331—342 (Abst., *Geol. Centralbl.*, XIII, 148—149, E. Meyer).

—24. **1905.** Über einige Konvergenz-erscheinungen bei triadischen Ammoneen. *Sitz. k. Akad. Wiss.*, CXIV, Abth. 1, 663—687.

—25. **1905.** Entwurf einer Systematik der Ceratitiden des Muschelkalkes. *Sitz. k. Akad. Wiss.*, CXIV, Abth. 1, 765—806.

—26. **1906.** The Fauna of the Tropites Limestone of Byans. *Pal. Indica*, Ser. XV, V, Pt. 1, 1—201(Abst., *Neu. Jahrb. f. Min.*, 1908, II, *Ref.*, 235—240, E. Koken).

—27. **1906.** Notes on some Fossils from the Halorites Limestone of the Bambanag Cliff (Kumaon), collected by the late Dr. A.von Krafft in the year 1900. *Rec. G. S. I.*, XXXIV, 1—11.

—28. **1906.** Notes on an Upper Triassic Fauna from the Pishin District, Baluchistan, collected by E. Vredenburg in the year 1901. *Rec. G. S. I.*, XXXIV, 12—21.

—29. **1906.** Beiträge zur Kenntnis der mittel-und ober-triadischen Faunen von Spiti. *Sitz. k. Akad. Wiss.*, CXV, Abth. 1, 757—778 (Abst., *Geol. Centralbl.*, X, 38—39, J. Böhm).

NATIONAL ARCHIVES OF INDIA

Diener, C.—*contd.*

486—30. **1907.** The Fauna of the Himalayan Muschelkalk. *Pal. Indica*, Ser. XV, V, Pt. 2, 1—140 (Abst., *Revue Pal.*, XII, 99; *Neu. Jahrb. f. Min.*, 1908, II, *Ref.* 240—248, E. Koken).

—31. **1907.** Zur Erinnerung an C. L. Griesbach. *Mitth. k. k. Geogr. Ges.* L, 325—332.

—32. **1908.** Upper Triassic and Liassic Faunæ of the Exotic Blocks of Malla Johar in the Bhot Mahals of Kumaon. *Pal. Indica*, Ser. XV, I, Pt. 1, 1—100 (Abst., *Revue Pal.*, XIII, 97—98; *Anz. k. Akad. Wiss.*, XLIV, 170; *Neu. Jahrb. f. Min.*, 1908, II, *Ref.* 412—415, V. Uhlig).

—33. **1908.** Ladinic, Carnic, and Noric Faunæ of Spiti. *Pal. Indica*, Ser. XV, V, Pt. 3, 1—157 (Abst., *Revue Pal.*, XIII, 25—27).

—34. **1908.** Note on some fossils from the sedimentary rocks of Oman (Arabia). *Rec. G. S. I.*, XXXVI, 156—163 (Abst., *Revue Pal.*, XII, 247).

—35. **1908.** Die Faunen der unteren Trias des Himalaya. *Mitth. Geol. Ges. Wien*, I, 77—84 (Abst., *Geol. Centralbl.*, XII, 654, J. Böhm).

—36. **1908.** Die höchsten Berge der Erde. *Mitth. k. k. Geogr. Ges.*, LI, 402—403.

—37. **1909.** The Fauna of the Traumatocrinus Limestone of Painkhanda. *Pal. Indica*, Ser. XV, VI, Pt. 2, 1—39 (Abst., *Revue Pal.*, XIV, 95—96).

—38. **1911.** Anthracolithic Fossils of the Shan States. *Pal. Indica*, N. S., III, Pt. 4, 1—74.

—39. **1912.** The Trias of the Himalayas. *Mem. G. S. I.*, XXXVI, 202—358 (Abst., *Amer. Journ. Sci.*, Ser. 4, XXXV, 108—110; *Neu. Jahrb. f. Min.*, 1913, I, *Ref.*, 496—498).

—40. **1912.** Mediterrane Faunenelemente in den Otoceras beds des Himalaya. *Centralbl.*, XIII, 58—60 (Abst., *Revue Pal.*, XVII, 29—30, P. Lemoine).

NATIONAL ARCHIVES OF INDIA

Diener, C.—*concld.*

486—41. **1913.** Triassic Faunæ of Kashmir. *Pal. Indica*, N. S., V, Pt. 1, 1—133 (Abst., *Revue Pal.*, XVIII, 103—105, M. Cossmann).

—42. **1914.** The Anthracolithic Faunæ of Kashmir, Kanaur, and Spiti. *Pal. Indica*, N. S., V, Pt. 2, 1—135.

——, *see* **Kraft *von* Delmensingen, A., 1011.**

——, *see* **Mojsisovics, E. *von*, 1237.**

Diersche, Max

487 . **1899.** Beitrag zur Kenntniss der Gesteine und Graphit vorkommnisse Ceylons. *Jahrb. k. k. Geol. Reichsanst*, XLVIII, 231—288 (Abst., *Zeits. f. Kryst.*, XXXIII, 646—647, W. Salomon).

Ditmas, F. I. Leslie

488 . **1911.** The Pench Valley Coal-Field. *Trans. N. E. Inst. Min. Eng.*, LXI, 115—146; *Trans. Inst. Min. Eng.*, XLI, 133—164 (Abst., *Journ. I. S. Inst.*, LXXXIII, 544).

Dixon, A. C.

489 . **1881.** On Gold in Ceylon. *Journ. Ceylon As. Soc.*, VII, Pt. 1, 12—15.

Dixon, A. F.

490 . **1913.** The Indian Mica Industry. *Trans. Amer. Inst. Min. Eng.*, XLV, 94—112; *Min. Journ.*, LI, 609—612.

Dixon, C. G.

491 . **1831.** Some Account of the Lead Mines of Ajmir. *Glean. Sci.*, III, 111—115.

Dixon, G. G.

492 . **1903.** Report on Gold Prospecting in Ceylon. *Ceylon Sessional Papers*, XXXIII, 1—4.

Dodd, C. D.

493—1. **1860.** Particulars concerning the Runn of Kutch and the Country on its Southern Margin. *Trans. Bo. Geogr. Soc.*, XVI, 1—6.

NATIONAL ARCHIVES OF INDIA

Dodd, C. D.

493—2. 1863. Memorandum on the eastern portion of Kutch, called Wagur. *Trans. Bo. Geogr. Soc.*, XVI, 7—9.

—3. 1869. Notes on the Runn of Cutch. *Rep. Brit. Assoc.*; XXXIX, *Sections*, 160 (*Title only*).

Dodd, J.

494—1. 1842. [Note on the fire-clay and Materials for glass making from Bundlecund.] *Cal. Journ. Nat. Hist.*, II, 597—599.

—2. 1857. Report on specimens of Coal, Prismatic Lime Stone and Iron Ore from Kotah, Wardha Valley. *Mad. Journ. Lit. Sci.*, N. S., 1, 265.

Donaldson, J.

495 . 1870. Report on the utilisation of iron-making materials in the neighbourhood of Hazareebagh by means of convict labour. Fol., Dum Dum.

d'Orbigny, A.

496 . 1847. Fossiles crétacés du Chili et de l'Inde. *Bull. Soc. Géol. France*, Ser. 2, IV, 507—508.

d'Orleans, *Prince* Henri

497—1. 1896. From Yun-nan to British India. *Geogr. Journ.*, VII, 300—309; VIII, 566—585.

—2. 1898. From Tonkin to India by the sources of the Irawadi, January 1895—January 1896. 8°, London (Review, *Nature*, LVII, 557—558; *Peterm. Mitth.*, XLV, *Litt.* 46—47, E. Tiessen).

——, *see* **Roux, E., 1523**—2—3.

Douglas, C.

498 . 1849. Report on the river Jumna between Agra and Ooreah. *Sel. Rec. Govt. N.-W. P.*, I, Pt. 3, No. XVII, 185—199 N. S., IV, 437—456.

NATIONAL ARCHIVES OF INDIA

Douvillé, H.

499—1. 1900. Examen des fossiles rapportés de Chine par la mission Leclère. *C. R. Ac. Sci.*, CXXX, 592—595.

—2. 1909. Sur la genre *Derbya* du Salt Range. *Bull. Soc. Géol. France*, Ser. 4, IX, 156—157.

Dowden, C. B.

500 . 1882. The Malay Peninsula: Its Mineral Wealth, etc. 8°, 20 pp., London.

Doyle, P.

501—1. 1876. Indian Mines and Mining. *Coll. Guard.*, XXXII, 536.

—2. 1877. On Indian Coke. *Coll. Guard.*, XXXIII, 87.

—3. 1879. On some Tin-deposits of the Malayan Peninsula. *Quart. Journ. Geol. Soc.*, XXXV, 229—232 (Abst., *Phil. Mag.*, Ser. 5, VII, 142).

—4. 1879. Tin Mining in Larut. 8°, 32 pp., London.

—5. 1879. A contribution to Burman Mineralogy. 8°, 15 pp., Calcutta.

—6. 1883. Prospects of Artesian borings in the Bellary District. 8°, Madras.

—7. 1885. Coal-Mining by Blasting in the Bengal Coal-Field. *Prof. Papers Ind. Eng.*, Ser. 3, III, 157—159.

Drew, F.

502—1. 1873. Alluvial and Lacustrine Deposits and Glacial Records of the Upper-Indus Basin. Pt. I, Alluvial Deposits. *Quart. Journ. Geol. Soc.*, XXIX, Pt. 1, 441—471 (Abst., *Geol. Mag.*, Dec. 1, X, 325—326; *Phil. Mag.*, Ser. 4, XLVII, 459—460).

—2. 1874. The Upper Indus Basin. *Geol. Mag.*, Dec. 2, I, 94.

—3. 1875. The Jummoo and Kashmir Territories. A Geographical Account. 8°, 568 pp., London (Review, *Nature*, XII, 550—552; *Geogr. Mag.*, II, 314—315).

NATIONAL ARCHIVES OF INDIA

Drew, F.—*contd.*

502—4. 1877. The Northern Barrier of India. A popular account of the Jummoo and Kashmir Territories. 8°, 336 pp., London (Abst., *Nature*, XV, 396).

——, *see* **Godwin-Austen, H. H., 669**—30.

Driver, W. H. P., *see* **Wood-Mason, J., 1961**—1.

Drummond, A.

503—1. 1838. [Note on the occurrence of coal in Hazaribagh.] *Journ. A. S. B.*, VII, 170—171.

Drummond, H.

504—1. 1838. Report on the Copper Mines of Kumaon. *Journ. A. S. B.*, VII, 934—941 ; *Kumaon*, 358—366.

—2. 1841. On the Mines and Mineral Resources of Northern Afghanistan. *Journ. A. S. B.*, X, 74—93.

—3. 1850. Report on the Deposits of Graphite near Almorah. *Sel. Rec. Govt. N.-W. P.*, II, Pt. 10, No. L, 213—218 ; N. S., III, No. 21, 371—378 ; 2nd Edn., I, Pt. 3, 207—211.

—4. 1851. Remarks on the Report of G. T. Lushington, Esq., ... on the Copper Mines of Pokree, with observations on the importance of establishing Iron Works in the interior of India. *Kumaon*, 391—408.

—5 1852. Iron Works in Northern India. *Min. Journ.*, XXII, 627.

—6. 1855. Report on the Iron of the Province of Kumaon and Garhwal. *Sel. Rec. Govt. India*, VIII-A, 20—41.

—7. 1856. Memorandum on the recent Iron Smelting Operations experimentally conducted at Dechowree. *Sel. Rec. Govt. India*, XVII, 87—88.

Drury, Heber

505 . 1858. Notes on an excursion along the Travancore Backwater. *Mad. Journ. Lit. Sci.*, N. S., III, 203—219.

NATIONAL ARCHIVES OF INDIA

Du Bois, G. C.

506 . 1903. Beitrag zur Kenntnis der surinamischen Laterit und Schutzrindenbildungen. *Tscherm. Mitth.*, XXII, 1—61.

Duckworth, H.

507—1. 1861. On the Fossils of Perim Island, in the Gulf of Cambay. *Proc. Geol. Soc. Liverpool*, I, 2nd Sess., 9—10; *Proc. Lit. Phil. Soc. Liverpool*, XII, 142—157.

—2. 1865. Description of part of the Lower Jaw of a large Mammal, probably of Deinotherium type, from Perim Island, Gulf of Cambay, India. *Proc. Geol. Soc., Liverpool*, I, 6th Sess., 38—40.

Duff, A.

508 . 1861. [Account of the Nat-Mee or Spirit-Fire, a burning hillock in the Province of Pegu.] *Journ. A. S. B.*, XXX, 309—313.

Duff, H. Hayter

509 . 1902. The Shwe-li and Tai-ping. *Geogr. Journ.*, XX, 462—463.

Dunbar, W.

510—1. 1836. Some Observations on the Topography, etc., of Dorunda in Chota Nagpore. *Ind. Journ. Med. Phys. Sci.*, I, 440—443, 630.

—2. 1841. Discovery of Coal in a new Site [at Balia, Hazaribagh]. *Journ. A. S. B.*, X, 300—301.

Duncan, A.

511 . 1838. A few Notes on the Thermal Springs in the Konkan. *Trans. Med. Phys. Soc. Bombay*, I, 257—262; *Ind. Journ. Med. Phys. Sci.*, III, 523—525.

Duncan, P. Martin

512—1. 1864. A Description of, and remarks upon, some Fossil Corals from Scinde. *Quart. Journ. Geol. Soc.*, XX, 66—72; *Ann. Mag. Nat. Hist.*, Ser. 3, XIII, 295—307 (Abst., *Neu. Jahrb. f. Min.*, 1864, 756).

NATIONAL ARCHIVES OF INDIA

Duncan, P. Martin—*contd.*

512—2. 1865. A description of the Echinodermata from the Strata on the south-eastern coast of Arabia, and at Bagh on the Nerbudda, in the Collection of the Geological Society. *Quart. Journ. Geol. Soc.*, XXI, Pt. I, 349—363 (Abst., *Geol. Mag.*, Dec. 1, II, 177; *Phil. Mag.*, Ser. 4, XXIX, 402).

—3 1875. An Abstract of the Geology of India. Fol., London, 2nd Edn., 1876; 3rd Edn., 1881 (Abst., *Geol Mag.*, Dec. 2, II, 419—421; VIII, 232).

—4. 1879. Scientific results of the 2nd Yarkand Mission:—Syringo-sphæridæ. 4°, 17 pp., Calcutta.

—5. 1880. Sind Fossil Corals and Alcyonaria. *Pal. Indica*, Ser. XIV, I, Pt. 2, 1—110 (Review, *Ann. Mag. Nat. Hist.*, Ser. 5, VI, 400—402; *Geol. Mag.*, Dec. 2, VII, 326—327).

—6. 1881. On the Coralliferous Series of Sind, and its connexion with the last Upheaval of the Himalayas. *Quart. Journ. Geol. Soc.*, XXXVII, 190—209 (Abst., *Geol. Mag.*, Dec. 2, VIII, 138—139).

—7. 1881. On the genus *Stoliczkaria*, Dunc, and its Distinctness from *Parkeria*, Carpenter. *Quart. Journ. Geol. Soc.*, XXXVIII, 69—74 (Abst., *Geol. Mag.*, Dec. 2, VIII, 567—568).

—8. 1887. Note on the Echinoidea of the Cretaceous series of the Lower Narbada Valley, with remarks upon their Geological age. *Rec. G. S. I.*, XX, 81—92.

—9. 1887. On the Echinoidea of the Cretaceous Strata of the Lower Narbada Region. *Quart. Journ. Geol. Soc.*, XLIII, 150—155 (Abst., *Geol. Mag.*, Dec. 3, IV, 92—93; *Neu. Jahrb. f. Min.*, 1888, I. *Ref.* 127, Th. Ebert).

—10. 1890. A description of some new species of Syringosphæridæ, with remarks upon their structures, etc. *Rec. G. S. I.*, XXIII, 80—88.

NATIONAL ARCHIVES OF INDIA

Duncan, P. Martin—*contd.*

——, *see* **Jenkins, H. M., 940.**

——, *see* **King, W., 987**—47.

Duncan, P. Martin, *and* **Sladen, W. Percy**

513—1. **1882-1886.** Fossil Echinoidea of Western Sind and the Coast of Baluchistan and of the Persian Gulf, from the Tertiary Formations. *Pal. Indica,* Ser. XIV, I, Pt. 3, 1—382 (Abst., *Neu. Jahrb. f. Min.*, 1885, I, *Ref.* 126—130; 1886, I, *Ref.* 359, Noetling).

—2. **1883.** The Fossil Echinoidea of Kachh and Kattywar. *Pal. Indica,* Ser. XIV, I, Pt. 4, 4—91 (Abst., *Neu. Jahrb. f. Min.*, 1885, I, *Ref.* 124—126, Noetling).

Dunstan, Wyndham R.

514—1. **1898.** Report on the Coal Supply of India. Including results of the examination of Selected Samples from the Principal Seams (with Appendix containing Tables of Results). *Agric. Ledger,* V, No. 14, 1—40; *Coll. Guard.*, LXXVI, 149—151 (Abst., *Journ. I. S. Inst.*, LIV, 397—398; *Nature,* LVIII, 380).

—2. **1900.** On samples of Mica from Jaipur. *Agric. Ledger,* VII, No. 2, 19—21; No. 24, 229—233; *Imp. Inst. Tech. Rep.*, 27—28.

—3. **1902.** Report on a sample of Graphite from the Kalahandi State, Central Provinces. *Mem. G. S. I.*, XXXIII, Pt. 3, 22; *Imp. Inst. Tech. Rep.*, 43.

—4. **1902.** The Coal Resources of India and their Development. *Journ. Soc. Arts,* L, 371—405; *Imp. Inst. Tech. Rep.*, 319—377; *Coll. Guard.*, LXXXIII, 409—410, 467—468 (Abst., *Imp. Inst. Journ.*, VIII, 180; *Journ. I. S. Inst.*, LXI, 461—462; *Geogr. Journ.*, XIX, 752).

—5. **1903.** Report on Hæmatite from the Chota Udepur State, Bombay Presidency. *Bull. Imp. Inst.*, I, 64—65 (Abst., *Neu. Jahrb. f. Min.*, 1907, I, *Ref.* 79, K. Busz).

—6. **1903.** Report on Asphalt Rock from the Island of Bahrein, Persian Gulf. *Bull. Imp. Inst.*, I, 116—118.

NATIONAL ARCHIVES OF INDIA

Dunstan, Wyndham R.—*contd.*

514—7. **1903.** Imperial Institute, Technical Reports and Scientific Papers. 8°, 236 pp., London.

—8. **1903.** Memorandum to the Secretary of State for India, on the trials of Messrs. Bolckow, Vaughan, & Co., of samples of Salem Iron Ore and Bengal Coal. *Imp. Inst. Tech. Rep.*, 19—22.

—9. **1903.** Report on Asbestos from the Jobat State, Central India. *Imp. Inst. Tech. Rep.*, 42.

—10. **1904.** The Occurrence of Thorium in Ceylon. *Nature*, LXIX, 510—511 (Abst., *Journ. Chem. Soc.*, LXXXIII, Pt. 2, 744—745, L. J. S.; *Zeits. f. Kryst.*, XLII, 319, H. L. Bowman).

—11. **1905.** Occurrence and uses of the Minerals containing Thorium. *Bull. Imp. Inst.*, III, 151—160.

—12. **1905.** Report on Mineral Specimens sent from Ceylon. *Ceylon Sessional Papers*, XV, 1—9.

—13. **1905.** Report on sample of Monazitic sand from the Federated Malay States. *Perak Govt. Gazette, Suppl.* September, 22, 1—2.

—14. **1906.** Supplementary Report on the Composition and Quality of a Series of Indian Coals. *Rec. G. S. I.*, XXXIII, 241—253.

—15. **1906.** Occurrence of Monazite in the Tin-bearing Alluvium of the Malay Peninsula. *Bull. Imp. Inst.*, IV, 301—309.

—16. **1906.** On new or rare Minerals from Ceylon. *Chem. News*, XCIII, 232; XCV, 232.

—17. **1906.** Report on Tin-Ore containing Monazite from the Federated Malay States. *Perak Govt. Gazette, Suppl.*, Sept. 21, 1—2.

—18. **1907.** Report on the results of the Mineral Survey of Ceylon in 1905—06. 8°, 42 pp., London.

NATIONAL ARCHIVES OF INDIA

Dunstan, Wyndham R.—*concld.*

514—19. 1908. Report on Laterites from the Central Provinces. *Rec. G. S. I.*, XXXVII, 213—220.

—20. 1911. "Amang" (Tin Concentrates) from the Federated Malay States. *Bull. Imp. Inst.*, IX, 99—102.

—21. 1911. Report on the Results of the Mineral Survey of Ceylon in 1906-07 and 1907-08. 8°, 70 pp., London.

—22. 1913. On Minerals from the Federated Malay States. *Bull. Imp. Inst.*, XI, 243—248.

—23. 1913. On Iron Ore from Ceylon. *Bull. Imp., Inst.*, XI, 248—249.

——, *see* **Coomaraswamy, A. K., 357**—1, —2.

Dunstan, Wyndham R., and Blake, G. S.

515 . 1905. Thorianite, a new Mineral from Ceylon. *Proc. Roy. Soc.*, LXXVI-A, 253—265; *Chem. News*, XCII, 13—15, 26—28 (Abst., *Journ. Chem. Soc.*, LXXXVIII, Pt. 2, 833—834, J. C. P.; *Zeits. f. Kryst.*, XLIII, 610—611, H. L. Bowman; *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 353—355, M. Bauer).

Dunstan, Wyndham R., and Jones, B. Mouat

516 . 1906. A variety of Thorianite from Galle, Ceylon. *Proc. Roy. Soc.*, LXXVII-A, 546—549 (Abst., *Journ. Chem. Soc.*, XC; Pt. 2, 554—555, L. J. S.; *Nature*, LXXIV, 190; *Zeits. f. Kryst.*, XLV, 285, H. L. Bowman; *Neu. Jahrb. f. Min.*, 1907, I, *Ref.* 198, M. Bauer).

du Perron, Auquetil, *see* **Bernoulli, J., 113.**

Dupuis, J.

517 . 1877. Voyage au Yun-nan. *Bull. Soc. Géogr.*, Ser. 6, XIV, 5—57, 151—185 (Abst., *Geogr. Mag.*, IV, 253—255).

Durand, *Sir* H. M.

518—1. 1836. Specimens of the Hippopotamus and other Fossil Genera of the Sub-Himalayas in the Dadupur Collection. *As. Res.*, XIX, 54—59.

NATIONAL ARCHIVES OF INDIA

Durand, *Sir* H. M.—*contd.*

518—2. 1836. [Extrait d'une lettre à M. de Blainville sur une tête de chameau fossile dans un grès des Sous-Hymalaïa.] *C. R. Ac. Sci.*, III, 529.

——, *see* **Baker, *Sir* W. E., 66**—1, —2

Dürrschmidt, C.

519—1. 1857. Report on the Copper Mines of Singhbhum, South-Western Frontier of Bengal. 8°, Calcutta.

—2. 1858. Die von Deutschen bearbeiteten Kupferminen von Singhbhoom in Südwest-Bengalen. *Peterm. Mitth.*, IV, 336—337.

Duthie, J. F.

520 . 1896. Reclamation of Reh or Usar Land. *Agric. Ledger*, III, No. 33, 1—8.

Dutreuil de Rhins, J. L.

521 . 1887. Mémoire Géographique sur le Thibet Oriental. *Bull. Soc. Géogr.*, Ser. 7, VIII, 172—240, 381—437; IX, 530-543.

———, *see* **Walker, J. T., 1871**—18.

Duvaucel,——

522 . 1828. Account of the Great Cavern of Booban in the Cossyah Mountains. *Edin. Journ. Sci.*, VIII, 54—56; IX, 51—53.

Dykes, J. W. B.

523—1. 1859. Account of an Earthquake in Guntoor, July 1859. *Mad. Journ. Lit. Sci.*, N. S., V, 165—166.

—2. 1861. On the Increase of Land on the Coromandel Coast. *Quart. Journ. Geol. Soc.*, XVII, Pt. 1, 553; *Geologist*, IV, 366; *Phil. Mag.*, Ser. 4, XXII, 405.

E

E.,—A.

524—1. 1831. Iron Works at Firozpur. *Glean. Sci.*, III, 327—328.

NATIONAL ARCHIVES OF INDIA

E.,—A.—*contd.*

524—2. 1831. On the Copper Works at Singhana near Khetri in the Shekhawati Country. *Glean. Sci.*, III, 380-384 ; PERCY'S *Metallurgy*, Pt. 1, 391—392.

Earl, G. W.

525 . 1852. Contributions to the Physical Geography of South-Eastern Asia and Australia. *Journ. Ind. Archipelago* VI, 243—277 : N. S., II, 278—286.

East, *Sir* E. Hyde

526 . 1816. Abstract from an account, containing the particulars of a boring made near the River Hooghly, in the vicinity of Calcutta, from May to July 1814 inclusive, in search of a spring of pure water. *As. Res.*, XII, 542—546.

Eastwick, E. B.

527 . 1880. Gold in India. *Gentleman's Magazine*, CCXLVI, 96—114.

Eden, *Sir* Ashley

528 . 1865. Report on the State of Bootan, and on the Progress of the Mission of 1863—64. 8°, 137 + xi pp., Calcutta.

Edgeworth, M. P.

529—1. 1850. Report on the Statistics of Banda. *Journ. A. S. B.*, XIX, 89—107.

—2. 1853. Abstract of a Journal kept by Mr. Gardiner during his Travels in Central Asia. *Journ. A. S. B.*, XXII, 283-305.

Edwardes, S. M.

530 . 1909. Geology of the Island of Bombay. *Gazetteer of Bombay City and Island*, I, 70—80.

Edwards, A. M.

531 . 1870. Note on Itacolumite. *Chem. News*, XXII, 111—112.

Edwards, T. J.

532 . 1854. Report of a Survey of the Taptee River. *Trans. Bo. Geogr. Soc.*, XI, 16—27.

NATIONAL ARCHIVES OF INDIA

Egerton, *Sir* P. de M. Grey

533—1. 1844. On the remains of Fishes found by Mr. Kaye and Mr. Cunliffe, in the Pondicherry beds. *Proc. Geol. Soc.* IV, 381—388; *Quart. Journ. Geol. Soc.*, I, 164—171; *Geol. Trans.*, Ser. 2, VII, 89—96.

—2. 1851. Description of Specimens of Fossil Fish from the Deccan. *Quart. Journ. Geol. Soc.*, VII, 273; *Western India*, 302.

—3. 1854. Palichthyologic Notes, No. 7. On two new species of *Lepidotus* from the Deccan. *Quart. Journ. Geol. Soc.*, X, Pt. 1, 371—374.

—4. 1854. On an Ichthyon Fossil from India. *Rep. Brit. Assoc.*, XXIV, *Sections*, 82 (*Abstract*).

———, *see* **Sykes, W. H., 1737.**

Egerton, *Sir* P. de M. Grey, Miall, L. C., *and* Blanford, W.T.

534. 1878. The Vertebrate Fossils of the Kota-Maleri Group. *Pal. Indica*, Ser. IV, I, Pt. 2, 1—23.

Egerton, R. E.

535. 1869. [Note on effects of Earthquake of November 10th 1867, at Bunnoo.] *Proc. A. S. B.*, 163—164.

Ehrenberg, C. G.

536—1. 1850. Ausgedehnte Felsbildung aus Kieselschaligen Polycystinen auf den Nikobaren Inseln. *Monatsb. k.-preuss. Akad. Wiss.*, 476—478 (Abst., *Quart. Journ. Geol. Soc.*, VII, Pt. 2, 118; *Edin. N. Phil. Journ.*, LII, 182—183; *Neu. Jahrb. f. Min.*, 1850, 237).

—2. 1854. Mikrogeologie. Das Erden und Felsen schaffende wirken des unsichtbar kleinen selbstständigen Lebens auf der Erde. Fol., 2 Vols., Leipzig.

—3. 1874. Fortsetzung der mikrogeologischen Studien VI.—Polycystinen Gebirge der Nicobaren-Inseln. *Abhandl. k.-preuss. Akad. Wiss.*, 1875, 116—120.

NATIONAL ARCHIVES OF INDIA

Elias, Ney

537 . 1876. A visit to the Valley of the Shueli in Western Yunnan. *Journ. R. Geogr. Soc.*, XLVI, 198—227 (Abst., *Proc. R. Geogr. Soc.*, XX, 234—241).

Elliot, G.

538 . 1874. Gold and Mineral Prospects of Western India. 8°, 23 pp., Bombay.

Elliot, R. H.

539 . 1894. Gold, Sport and Coffee Planting in Mysore. 8°, 480 pp., Westminster (Abst., *Peterm. Mitth.*, XLI, *Litt.*, 107, Weyhe).

Elliot, W.

540—1. 1844. Occurrence of Graphite in Tinnevelly and Travancore. *Mad. Journ. Lit. Sci.*, XIII, Pt. 1, 215—216.

—2. 1854. [Notes on a Collection of Fossils and Minerals from the Intertrappean Beds near Rajahmundry.] *Journ. A. S. B.*, XXIII, 309—310, 399—400.

Elliott, *Sir* C. A.

541 . 1895. Remarks on the Kusi River. *Proc. A. S. B.*, 41—42.

Ellis, B. H.

542 . 1854. Memorandum on the Mud-Craters in Lus Beyla, visited in August 1853. *Journ. Bo. As. Soc.*, V, 676 (*Abstract*).

Ellis, T. F.

543 . 1897. The Malay Tin Industry. *Min. Journ.*, LXVII, 532, 592—593.

Ellis, T. S.

544 . 1908. On the Low Water Channels in Rivers and Estuaries. *Geol. Mag.*, Dec. 5, V, 445—454.

Elphinstone, *Hon.* Mountstuart

545 . 1815. An Account of the Kingdom of Caubul and its Dependencies in Persia, Tartary, and India; comprising a view of the Afghan Nation, and a history of the Dooranee Monarchy. 4°, 675 pp; 2nd Edn., (1839) 2 Vols., London.

NATIONAL ARCHIVES OF INDIA

Elsden, J. V.

546 . 1903. The Dehydration of Laterite. *Geol. Mag.*, Dec. 4, X, 139—140.

Elson, S. R.

547 . 1885. The Currents and Tides of the Hooghly and its littoral and how they are influenced. *Proc. A. S. B.*, 133—137.

Emerson, B. K.

548 . 1900. Carboniferous Bowlders from India. *Amer. Journ. Sci.*, Ser. 4, X, 57—58.

Engler, ———

549 . 1894. Note on the Chemical qualities of petroleum from Burma. *Rec. G. S. I.*, XXVII, 49—53, *Trans.* by Dr. F. Noetling (Abst., *Journ. I. S. Inst.*, XLVI, 342).

Etheridge, R.

550 . 1864. Note on the Jurassic Fossils collected by Capt. Godwin-Austen in the North-western Himalaya. *Quart. Journ. Geol. Soc.*, XX, Pt. 1, 387—388.

Etheridge, R., *and* David, T. W. Edgworth.

551 . 1894. On the Mode of attachment of the Leaves or Fronds to the Caudex in *Glossopteris*, with remarks on the relation of the Genus to its Allies, and a Note on its stratigraphical Distribution in Australia. *Proc. Linn. Soc. N. S. W.*, Ser. 2, IX, 228—258.

Ethersey, R.

552—1. 1838. Note on Perim Island in the Gulf of Cambay. *Trans. Bo. Geogr. Soc.*, II, Pt. 2, 55—58; *Western India*, 472—474.

—2. 1838. On the Bore, or Rushing Tide, in the Gulf of Cambay, and at the entrances of the Mahi and Sábarmati Rivers, *Journ. R. Geogr. Soc.*, VIII, 196—202.

Evans, H. L., *see* **Hamilton, *Sir* R. N. C., 748—1.**

——, *see* **Keatinge, R. H., 967.**

Evans, J.

553 . 1866. On some Flint-cores from the Indus, Upper Scinde, *Geol. Mag.*, Dec. 1, III, 433—435.

NATIONAL ARCHIVES OF INDIA

Evans, J. H., *and* George, Glen.

554 . 1915. Supporting Shaft Sides through a Fault [Giridih]. *Trans. Min. Geol. Inst. Ind.*, IX, 74—76 (Abst. *Trans. Inst. Min. Eng.*, XLIX, 821—822, A. P. A. S.).

Evans, J. W.

555—1. 1900. Preliminary report on the Iron Ores in the neighbourhood of Malvalli, Mysore. *Rec. Mysore Geol. Dep.*, I, 11—14.

—2. 1900. Notes on Corundum Deposits in the south of Mysore. *Rec. Mysore Geol. Dep.*, I, 14—18.

—3. 1900. On the suitability of "Talpargi" Springs for the water supply of Tumkur. *Rec. Mysore Geol. Dep.*, I, 54.

—4. 1900. Report of the Inspector of Mines in Mysore for the year 1896. *Rec. Mysore Geol. Dep.*, I, 55—58.

—5. 1900. Note on Ruby Corundum from Sringeri. *Rec. Mysore Geol. Dep.*, I, 79.

—6. 1900. The report of the Chief Inspector of Mines in Mysore for the year 1897. *Rec. Mysore Geol. Dep.*, I, 97—99.

—7. 1900. Mechanically-formed Limestones from Junagarh (Kathiawar), and other localities. *Quart. Journ. Geol. Soc.*, LVI, 559—583 (Abst., *Geol. Mag.*, Dec. 4, VII, 335; *Phil. Mag.*, Ser. 5, L, 536; *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 77—79, W. Salomon, 391, E. Sommerfeldt).

—8. 1900. A Monchiquite from Mount Girnar, Junagarh (Kathiawar). *Quart. Journ. Geol. Soc.*, LVII, 38—54 (Abst., *Geol. Mag.*, Dec. 4, VIII, 42—43; *Geol. Centralbl.*, I, 417, C. V. C.; *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 415—416, W. Salomon; *Phil. Mag.*, Ser. 6, I, 600).

—9. 1901. Metalliferous Mining in India. *Journ. Soc. Arts.*, XLIX, 153—177; *Min. Journ.*, LXXI, 87, 115, 137, 166—167.

NATIONAL ARCHIVES OF INDIA

Evans, J. W.—*contd.*

555—10. 1904. Remarks on the Geology of the Kolar Gold Field. *Trans. Inst. Min. Met.*, XIII, 162—165.

—11. 1904. The principal Petroleum Resources of the British Empire. —— Pt. II, India. *Bull. Imp. Inst.*, II, 97—103.

—12. 1905. The Commercial Utilisation of Corundum from Perak, Federated Malay States. *Bull. Imp. Inst.*, II, 229—231.

—13. 1905. Graphite from the Chhatisgarh District of the Central Provinces of India. *Bull. Imp. Inst.*, II, 232-234 (Abst., *Neu. Jahrb. f. Min.*, 1907, I, *Ref.* 82, K. Busz).

—14. 1905. Note on the Utilisation of Sands containing Thorium Minerals. *Bull. Imp. Inst.*, III, 285—290.

—15. 1907. Graphite: its Occurrence and Uses. *Bull. Imp. Inst.*, V, 70—85.

—16. 1909. The Occurrence and Utilisation of Tungsten Ores. *Bull. Imp. Inst.*, VII, 170—184.

—17. 1910. The Rocks and Minerals of Peninsular India. *Proc. Geol. Assoc.*, XXI, 448—450.

—18. 1910. The meaning of the term 'Laterite.' *Geol. Mag.*, Dec. 5, VII, 189—190, 381—382.

—19. 1910. Remarks on the Origin of Laterite. *Trans. Inst. Min. Met.*, XIX, 451—453.

Evans, J. W., *and* Holland, *Sir* T. H.

556 . 1901. Report on the site of the Marikanave Dam. *Rec. Mysore Geol. Dep.*, II, 178—181.

Everest, *Rev.* R.

557—1. 1831. Geological Observations made on a Journey from Calcutta to Ghazipur. *Glean. Sci.*, III, 129—136.

—2. 1831. On the Sandstone of India. *Glean. Sci.*, III, 207—213.

NATIONAL ARCHIVES OF INDIA

Everest, *Rev.* R.—*contd.*

557—3. 1832. Note on Indian Saline Deposits. *Journ. A. S. B.*, I, 149—150.

—4. 1832. Some observations on the Quantity of Earthy Matter, brought down by the Ganges River. *Journ. A. S. B.*, I, 238—242.

—5. 1832. Remarks on a late paper in the Asiatic Journal on the Gypsum of the Himalaya. *Journ. A. S. B.*, I, 450—454.

—6. 1832. Some additional observations on the quantity of earthy matter brought down by the Ganges, its depth and velocity, made during the rainy season of 1832, at Ghazipur. *Journ. A. S. B.*, I, 549—550 (Abst., *Bibl. Univ.*, LV, *Sci.*, 47—54).

—7. 1833. Memorandum on the Fossil Shells discovered in the Himalayan Mountains. *As. Res.*, XVIII, Pt. II, 107—114.

—8. 1833. Some Geological Remarks made in the country between Mirzapur and Sagar, and from Sagar northwards to the Jumna. *Journ. A. S. B.*, II, 475—481.

—9. 1834. On the Climate of the Fossil Elephant. *Journ. A. S. B.*, III, 18—24.

—10. 1834. [Note on the fall of a Meteorite near Hissar, 8th June, 1834.] *Journ. A. S. B.*, III, 413; *Phil. Mag.*, Ser. 3, VI, 398.

—11. 1834. [Note on the Temperature of Wells.] *Journ. A. S. B.*, III, 655.

—12. 1835. On the temperature of Deep Wells to the west of the Jumna. *Journ. A. S. B.*, IV, 229—230 (Abst., *Bibl. Univ.*, N. S., IV, 355—356, I. M.).

—13. 1838. Geological Observations made in a journey from Mussoorie (Masuri) to Gungotree (Gangautri). *Journ. A. S. B.*, IV, 690—694 (Abst., *Bibl. Univ.*, N. S., V, 410—412, I. M.; *Neu. Jahrb. f. Min.*, 1838, 705—706).

NATIONAL ARCHIVES OF INDIA

Everest, *Rev.* R.—*concld.*

557—14. 1841. Some Geological Remarks made in a journey from Delhi, through the Himalaya Mountains, to the frontier of Little Thibet, during 1837. *Proc. Geol. Soc.*, III, 566—570 (*Abstract*).

—15. 1842. On the high Temperature of Wells in the neighbourhood of Delhi. *Proc. Geol. Soc.*, III, 732—735 (*Abstract*).

Exner, A.

558 . 1872. Chemische Untersuchung des Meteoriten von Gopalpur. *Mineral. Mitth.*, II, 41—43; *Jahrb. k. k. Geol. Reichsanst.*, XXII, Pt. 2, 41—43.

Eyriés—

559 . 1826. Note sur le cours du Burrampouter. *Bull. Soc. Philomatique*, XVII, 79—80.

F

F.—

560 . 1829. Some Account of the Cásiah Hills. *Glean. Sci.*, I, 252—255.

Falconer, H.

561—1. 1831. Note on certain specimens of Animal Remains from Ava, presented by James Calder, Esq., to the Museum of the Asiatic Society. *Glean. Sci.*, III, 167—170.

—2. 1832. [Letter regarding the discovery of Fossil Bones in the Siwaliks.] *Journ. A. S. B.*, I, 249.

—3. 1834. On the Aptitude of the Himálayan Range for the Culture of the Tea Plant. *Journ. A. S. B.*, III, 178—188.

—4. 1835. [Note on Fossil Bones from the Siwaliks.] *Journ. A. S. B.*, IV, 57—59.

—5. 1837. Note on the occurrence of Fossil Bones in the Sewalik Range, eastward of Hardwar. *Journ. A. S. B.*, VI, 233—234.

NATIONAL ARCHIVES OF INDIA

Falconer, H.—*contd.*

561—6. **1837.** [Note on Flexible Sandstone.] *Journ. A. S. B.*, VI, 240—241.

—7. **1841.** Letter to the Secretary of the Asiatic Society, on the recent Cataclysm of the Indus. *Journ. A. S. B.*, X, 615—620 (Abst., *As. Journ.*, N. S., XXXVIII, Pt. 1, 39).

—8. **1844.** Abstract of a Discourse on the Fossil Fauna of the Siwalik Hills. *Journ. R. As. Soc.*, VIII, 107—111.

—9. **1845.** Description of some Fossil Remains of Dinotherium, Giraffe, and other Mammalia, from the Gulf of Cambay, Western Coast of India. *Quart. Journ. Geol. Soc.*, I, 356—372; *Western India*, 475—490 (Abst., *Neu. Jahrb. f. Min.*, 1847, 243—247).

—10. **1845.** On some new additions among the Mammalia to the Fossil Fauna of India, from Perim Island, in the Gulf of Cambay. *Rep. Brit. Assoc.*, XV, *Sections*, 52 (*Title only*).

—11. **1845.** On the Fossil Elephantine Animals of India. *Rep. Brit. Assoc.*, XV, *Sections*, 62 (*Abstract*).

—12. **1855.** Remarks on the osteological characters and palæontological history of *Colossochelys Atlas*. *Journ. A. S. B.*, XXIV, 173—178.

—13. **1857.** Report on specimens of Bituminous Shale from Kotah, Wardha Valley. *Mad. Journ. Lit. Sci.*, N. S., I., 266—267.

—14. **1865.** On the asserted Occurrence of Human Bones in the ancient Fluviatile Deposits of the Nile and Ganges; with comparative Remarks on the Alluvial Formation of the two Valleys. *Quart. Journ. Geol. Soc.*, XXI, Pt. I, 372—389 (Abst., *Geol. Mag.*, Dec. 1, II, 213—214; *Phil. Mag.*, Ser. 4, XXIX, 403—404; *Journ. Sci.*, III, 54—60).

—15. **1868.** Letter on the Himalayahs. *Geol. Mag.*, Dec. 1, V, 439—440.

NATIONAL ARCHIVES OF INDIA

Falconer, H.—*concld.*

561—16. 1868. Palæontological Memoirs and Notes. With a biographical sketch. Edited by Charles Murchison. 8° 2 Vols., London.

——, *see* **Cautley,** *Sir* **P. T., 293—1, —2.**

Falconer, H., *and* Cautley, *Sir* P. T.

562—1. 1836. *Sivatherium giganteum,* a new Fossil Ruminant Genus from the valley of the Markanda, in the Siválik Branch of the sub-Himalayan Mountains. *As. Res.*, XIX, 1—24; *Journ. A. S. B.*, V, 38—50; *Mad. Journ. Lit. Sci.*, IV, 219—229; *Ann. Sci. Nat.*, Ser. 2, V, *Zool.*, 348—370; *Phil. Mag.*, Ser. 3, IX, 193—201, 277—283 (Abst., *As. Journ.*, N. S., XXI, Pt. 1, 323—324; *Bibl. Univ.*, N. S., IV, 392—397; *Neu. Jahrb. f. Min.*, 1837, 482—489; *Edin. N. Phil. Journ.*, XXIII, 197—200).

—2. 1836. Note on the Fossil Hippopotamus of the Siválik Hills. *As. Res.*, XIX, 39—53 (Abst., *Neu. Jahrb. f. Min.*, 1841, 610).

—3. 1836. Note on the Fossil Camel of the Siválik Hills. *As. Res.*, XIX, 115—134.

—4. 1836. Note on the *Felis cristata,* a new Fossil Tiger, from the Siválik Hills. *As. Res.*, XIX, 135—142.

—5. 1836. Note on the *Ursus sivalensis,* a new Fossil Species from the Siválik Hills. *As. Res.*, XIX, 193—200.

—6. 1837. On additional fossil species of the order Quadrumana from the Siválik Hills. *Journ. A. S. B.*, VI, 354—360; *Phil. Mag.*, Ser. 3, XII, 34—40 (Abst., *Neu. Jahrb. f. Min.*, 1838, 615—617).

—7. 1843. On some Fossil Remains of *Anoplotherium* and *Giraffe,* from the Sewalik Hills, in the north of India. *Proc. Geol. Soc.*, IV, 235—249; *Cal. Journ. Nat. Hist.*, V, 577—589; *Neu. Jahrb. f. Min.*, 1845, 501—502.

NATIONAL ARCHIVES OF INDIA

Falconer, H., *and* Cautley, *Sir* P. T.—*contd.*

562—8. 1844. [On *Colossochelys Atlas*, a Fossil Tortoise from the Sewalik Hills.] *Proc. Zool. Soc.*, XII, 54—55, 84—88; *Ann. Mag. Nat. Hist.*, Ser. 1, XIV, 501—502; XV, 55—59; *Phil. Mag.*, Ser. 3, XXV, 532—537 (Abst., *Bibl. Univ.*, N. S., LV, 383—385; *Neu. Jahrb. f. Min.*, 1845, 377—378; *Ann. Sci. Nat.*, Ser. 2, III, *Zool.*, 190; *Bull. Soc. Géol. France*, Ser. 2, II, 649).

—9. 1845. Fauna Antiqua Sivalensis, being the Fossil Zoology of the Siwalik Hills, in the north of India. 8°, with folio Atlas, London.

——, *see* **Goldfuss, G. A., 670.**

——, *see* **Lydekker, R., 1109—72.**

——, *see* **Lyell, *Sir* C., 1111.**

Falconer, H., *and* Walker, H. (1)

563 . 1859. Descriptive Catalogue of the Fossil Remains of Vertebrata from the Siwalik Hills, the Nerbudda, Perim Island, etc., in the Museum of the Asiatic Society of Bengal. 8°, 261 pp., Calcutta.

Falconnet, G. P. de P.

564 . 1874. On Brick and Tile Manufacture at Allahabad. *Prof. Papers Ind. Eng.*, Ser. 2, III, 145—173.

Faraday, M.

565 . 1819. An analysis of Wootz, or Indian Steel. *Quart. Journ. Sci.*, VII, 288—290 (Abst., *Ann. des Mines*, Ser. 1, VI, 260—261; *Ann. Gen. Sci., Phys.*, III, 135).

——, *see* **Stodart, J., 1709.**

Farrington, O. C.

566 . 1894. An analysis of Jadeite from Mogoung, Burma. *Proc. U. S. Nat. Mus.*, XVII, 29—31 (Abst., *Neu. Jahrb. f. Min.*, 1896, I, *Ref.* 19—20, M. Bauer; *Zeits. f. Kryst.*, XXVI, 604, P. Groth).

Fayrer, *Sir* J.

567 . 1882. [Remarks on the Mineral Resources and Geological Survey of India.] *Journ. Soc. Arts*, XXX, 595—596.

NATIONAL ARCHIVES OF INDIA

Fea, L.

568—1. 1888. Viaggio da Moulmein al Monte Mulai, Tenasserim. *Boll. Soc. Geogr. Ital.*, Ser. 3, I, 627—689.

—2. 1888. Nei Carin Independenti. *Boll. Soc. Geogr. Ital.*, Ser. 3, I, 854—868.

Fedden, F.

569—1. 1865. Report on the Nature of the Country passed through by the Expedition to the Salween, and the result of the observations at the river as to its navigability, with Meteorological Tables and a Route-Map. *Sel. Rec. Govt. India*, XLIX, 30—81 + i—xxxvi.

—2. 1865. [Note on Geological Specimens from Burmah.] *Proc. A. S. B.*, 181.

—3. 1875. On the evidences of 'Ground-ice' in tropical India, during the Talchir Period. *Rec. G. S. I.*, VIII, 16—18.

—4. 1880. On the distribution of the Fossils described by Messrs. d'Archiac and Haime in the different Tertiary and Infra-Tertiary Groups of Sind. *Mem. G. S. I.*, XVII, 197—210.

—5. 1880. Popular Guide to the Geological Collections in the Indian Museum, Calcutta. No. 3—Meteorites. 8°, Calcutta.

—6. 1885. The Geology of the Kathiawar Peninsula in Guzerat. *Mem. G. S. I.*, XXI, 73—136 (Abst., *Journ. I. S. Inst.*, XXV, 304—305; *Peterm. Mitth.*, XXXI, 321—322, Supan).

Feistmantel, O.

570—1. 1875. Ueber die von Stoliczka in der Karakorum-Kette gesammelten Versteinerungen. *Zeits. deutsch. Geol. Gesell.*, XXVII, 945—949.

—2. 1875. Fossile Pflanzen aus Indien (aus einem Schreiben an Herrn Hofr. v. Hauer). *Verh. k. k. Geol. Reichsanst.*, 187—194.

NATIONAL ARCHIVES OF INDIA

Feistmantel, O.—*contd.*

570—3. **1875.** Alter der Rajmahal-Schichten (Aus einem Briefe an Herrn Hofr. v. Hauer). *Verh. k. k. Geol. Reichsanst.*, 216—217.

—4. **1875.** Weitere Bemerkungen über fossile Pflanzen aus Indien. *Verh. k. k. Geol. Reichsanst.*, 252—261.

—5. **1875.** Mineralogische Notizen aus Indien. *Verh. k. k. Geol. Reichsanst.*, 301—303.

—6. **1875.** Nachtrag zu den Berichten über fossile Pflanzen von Cutch und aus den Rajmahal-Hills. *Verh. k. k. Geol. Reichsanst.*, 329—330.

—7. **1876.** Jurassic (Oolitic) Flora of Kach. *Pal. Indica*, Ser. XI, II, Pt. 1, i—xli + 1—80 (Abst., *Neu. Jahrb. f. Min.*, 1877, 439).

—8. **1876.** Notes on the Age of some Fossil Floras of India. *Rec. G. S. I.*, IX, 28—42, 63—79, 115—144; including:—

I.—Flora of the Kach Series (Cutch), 29—34.

II.—Flora of the Rajmahal Series (in the Rajmahal Hills and Godavari District), 34—42.

III.—Flora and probable age of the Panchet Group, 65—67.

IV.—Flora and Probable Age of the Damúda Formation, 67—78.

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VI.—On the Homotaxis of the Gondwana System, 115—125.

VII.—Flora of the Jabalpúr Group in South Rewah near Jabalpur, and in the Satpura Basin, 125—135.

VIII.—Descriptions of new and discussions of some already known but important species from the Gondwana Series, 135—144.

(Review, *Nature*, XV, 98—99; *Neu. Jahrb. f. Min.*, 1876, 972—973.)

NATIONAL ARCHIVES OF INDIA

Feistmantel, O.—*contd.*

570—9. 1876. Contributions towards the knowledge of the Fossil Flora in India. I.—On some Fossil Plants from the Damuda Series in the Raniganj Coal-field, collected by Mr. J. Wood-Mason. *Journ. A. S. B.*, XLV, Pt. 2, 329—382; *Proc.* 223—228 (Abst., *Neu. Jahrb. f. Min.*, 1879, 208).

—10. 1876. On the Gondwana Series of India, as a Probable Representative of the Juro-Triassic Epoch in Europe. *Geol. Mag.*, Dec. 2, III, 481—491.

—11. 1876. Weitere Bemerkungen über die Pflanzen-führenden Schichten in Indien und deren mögliches Alter. *Verh. k. k. Geol. Reichsanst*, 165—168.

—12. 1876. Ueber die Indischen Cycadeengattungen *Ptilophyllum* Morr. und *Dictyozamites* Oldh. *Palæontographica, Suppl.-Bd.*, III, 1—25.

—13. 1876. Über fossile Pflanzen in Calcutta, *Neu. Jahrb. f. Min.* 530—534.

—14. 1877. Jurassic (Liassic) Flora of the Rajmahal Group, in the Rajmahal Hills. *Pal. Indica*, Ser. II, XI and XII, I, Pt. 2, i—xviii + 52—160.

—15. 1877. Jurassic Flora from Golapilli near Ellore, South Godavari. *Pal. Indica*, Ser. II, XI and XII, I, Pt. 3, 163—190.

—16. 1877. Flora of the Jabalpur Group in the Son-Narbada Region. *Pal. Indica*, Ser. II, XI and XII, II, Pt. 2, 81—115.

—17. 1877. On the occurrence of the cretaceous Genus *Omphalia* near Namcho Lake, Tibet, about 75 miles north of Lhassa. *Rec. G. S. I.*, X, 21—25.

—18. 1877. Note on Estheria in the Gondwana formation. *Rec. G. S. I.*, X, 26—30.

—19. 1877. Notes on Fossil Floras in India. *Rec. G. S. I.*, X, 68—76, 133—140, 196—203, including:—

IX.—On some Fossil Plants from the Atgarh Sandstones, 68—70.

NATIONAL ARCHIVES OF INDIA

Feistmantel, O.—*contd.*

570—19. X.—On true *Pterophyllum* from the Raniganj Field and the Cycadeaceæ from the Damuda Series, 70—73.

XI.—Note on Plant Fossils from Barákar District (Barákar Group), 73—74.

XII.—Fossil Plants from near Assensole (Raniganj Group), 75.

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XIV.—On a Tree Fern Stem from the Cretaceous Rocks near Trichinopoly in Southern India, 133—137.

XV.—Notes on the Kurharbari Flora, 137—139.

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XVII.—Some elements of the Arctic and Siberian Jurassic Flora amongst the plants of the Gondwana-system, 196—199.

XVIII.—Notes on *Vertebraria*, *Schizoneura*, *Zeugophyllites*, and *Nöggerathia*, 199—201.

XIX.—Note on the occurrence of "*Glossopteris*" (?) in the coal-bearing rocks of Asia Minor, and on the occurrence of the same genus in the Tertiary formation of Novale, 201—203.

—20. **1877.** Note on *Eryon* comp. *Barrovensis*, McCoy, from the Sripermatur Group near Madras. *Rec. G. S. I.*, X, 193—196.

—21. **1877.** On Giant's Kettles (pot holes), caused by water action in streams in the Rajmahal Hills and Barakar district. *Proc. A. S. B.*, 77—80 (*Abstract*).

—22. **1877.** Preliminary report and notes on the Flora of the Kurhurbali Coal-field, its importance and relations to that of the Talchir Shales and Damuda series. 8° Calcutta (*Printed privately*).

—23. **1877.** The Gondwana Series of India. *Geol. Mag.*, Dec. 2, IV, 188—189.

NATIONAL ARCHIVES OF INDIA

Feistmantel, O.—*contd.*

570—24. 1877. The Cycadaceæ in the "Damuda Series" and the Nürschan Gas-coal of Bohemia. *Geol. Mag.*, Dec. 2, IV, 431—432.

—25. 1877. Kurze Bemerkungen über das Alter der sog. älteren Kohlenführenden Schichten in Indien. *Neu. Jahrb. f. Min.*, 147—159.

—26. 1877. Die Flora von Rajmahal; über *Thinnfeldia crassinervis*; die Flora von Kach; über Pflanzen von Raniganj. *Neu. Jahrb. f. Min.*, 178—181.

—27. 1877. Täniopterideen in der sog. Damuda Series. *Neu. Jahrb. f. Min.*, 189—190.

—28. 1877. Über Riesenkessel in den Rajmahalhügeln. *Neu. Jahrb. f. Min.*, 509—511.

—29. 1877. Die Rajmahal Flora. *Neu. Jahrb. f. Min.*, 626—629.

—30. 1877. Die Flora von Kach und Rajmahal. *Neu. Jahrb. f. Min.*, 809—811.

—31. 1877. Ueber die Gattung *Williamsonia* Carr. in Indien, nebst Bemerkungen über die Flora mit der siet in den Schichten vergesellschaftet vorkommt. *Palæontographica, Suppl.-Bd.*, III, 25—51.

—32. 1877. Geologische Mittheilungen aus Ost-Indien. *Verh. k. k. Geol. Reichsanst*, 183—185.

—33. 1877. Über das verhältniss gewisser fossiler Floren und Landfaunen untereinander und zu den gleichzeitigen Meeresfaunen in Indien, Afrika and Australien. 8°, 38 pp., Calcutta (Abst., *Neu. Jahrb. f. Min.*, 1878, 669—670).

—34. 1878. Cycadaceous Plants of the Damudas. *Geol. Mag.*, Dec. 2, V, 92—93.

—35. 1879. Fossil Flora of the Gondwana system:—Outliers on the Madras Coast. *Pal. Indica*, Ser. II, XI and XII, I, Pt. 4, 191—224 (Abst., *Neu. Jahrb. f. Min.*, 1880, II, 330—331, W. Waagen).

NATIONAL ARCHIVES OF INDIA

Feistmantel, O.—*contd.*

570—36. 1879. Palæontological Notes from the Satpura Coal-basin *Rec. G. S. I.*, XII, 74—83.

—37 1879. Notes on the genus *Sphenophyllum* and other Equisetaceæ—with reference to the Indian form *Trizygia speciosa*, Royle (*Sphenophyllum trizygia*, Ung.). *Rec. G. S. I.*, XII, 163—166.

—38. 1879. Ueber verschiedene fossile Floren in Ostindien. *Neu. Jahrb. f. Min.*, 58—62.

—39. 1880. Fossil Flora of the Gondwana system:—The Flora of the Damuda-Panchet Divisions. *Pal. Indica*, Ser. II, XI and XII, III, Pt. 2, 1—77; Pt. 3, 78—149.

—40. 1880. Note on the Fossil Genera *Nöggerathia*, Stbg., *Nöggerathiopsis*, Fstm., and *Rhiptozamites*, Schmalh, in palæozoic and secondary rocks of Europe, Asia, and Australia *Rec. G. S. I.*, XIII, 61—62.

—41. 1880. Notes on fossil plants from Kattywar, Shekh Budin and Sirgujah. *Rec. G. S. I.*, XIII, 62—69.

—42. 1880. Palæontological Notes from the Karharbari and South Rewah Coal-fields. *Rec. G. S. I.*, XIII, 176—190.

—43. 1880. Further Notes on the Correlation of the Gondwana Flora with other floras. *Rec. G. S. I.*, XIII, 190—193.

—44. 1880. Further notes on the correlation of the Gondwana Flora with that of the Australian Coal-bearing system. *Rec. G. S. I.*, XIII, 250—253.

—45. 1881. The Flora of the Talchir-Karharbari Beds. *Pal. Indica*, Ser. II, XI and XII, III, Pt. 1, i—xi + 1—64.

—46. 1881. Notes on some Rajmahal Plants. *Rec. G. S. I.*, XIV, 148—152.

—47. 1881. Palæontological notes from the Hazaribagh and Lohardagga Districts. *Rec. G. S. I.*, XIV, 241—263.

NATIONAL ARCHIVES OF INDIA

Feistmantel, O.—*contd.*

570—48. 1881. A sketch of the history of the Fossils of the Indian Gondwana system. *Journ. A. S. B.*, L, Pt. 2, 168—219; *Proc.*, 123.

—49. 1881. Popular Guide to the Geological Collections in the Indian Museum, Calcutta. No. 4.—Palæontological collections. 8°, Calcutta.

—50. 1882. The Fossil Flora of the South Rewah Gondwana Basin. *Pal. Indica*, Ser. II, XI and XII, IV, Pt. 1, i—xxv+1—52 (Abst., *Neu. Jahrb. f. Min.*, 1884, II, *Ref.* 132—133, Geyler).

—51. 1882. Note on remains of Palm leaves from the (Tertiary) Murree and Kasauli beds in India. *Rec. G. S. I.*, XV, 51—53.

—52. 1883. Palæontological Notes from the Daltonganj and Hutar coal-fields in Chota Nagpur. *Rec. G. S. I.*, XVI, 175—178.

—53. 1886. The Fossil Flora of some of the Coal-fields in Western Bengal. *Pal. Indica*, Ser. II, XI and XII, IV, Pt. 2, 1—71 (Abst., *Neu. Jahrb. f. Min.*, 1888, II, *Ref.* 501—504, Geyler; *Verh. k. k. Geol. Reichsanst.*, 1887, 247—248).

—54. 1887. Ueber die pflanzen und kohlen-führenden Schichten in Indien (beziehungsw. Asien), Africa und Australien und darin vorkommende glaciale Erscheinungen. *Sitz. k. böhm. Ges. Wiss.*, 3—102, 570—576 (Abst., *Neu. Jahrb. f. Min.*, 1888, I, *Ref.* 279—285, Weiss; *Verh. k. k. Geol. Reichsanst.*, 1887, 222—224, D. Stur).

—55. 1888. Über die geologischen und palæontologischen Verhältnisse des Gondwána-System in Tasmanien und Vergleichung m. anderen Länden nebst einem systematischen Verzeichniss der im Australischen Gondwana-System vorkommenden Arten. *Sitz. k. böhm. Ges. Wiss.*, 584—654 (Abst., *Neu. Jahrb. f. Min.*, 1890, I, *Ref.* 177—178, Nathorst; *Peterm. Mitth.*, XXXV, *Litt.* 115, Supan).

NATIONAL ARCHIVES OF INDIA

Feistmantel, O.—*concld.*

570—56. 1889. A few explanatory notes regarding the history of the Karharbari Flora. *Rec. G. S. I.*, XXII, 73—74.

———, *see* **Ball, V., 71—30.**

———, *see* **Blanford, W. T., 148—51—55.**

Fenwick, R. H.

571 . 1848. Journal of the passage from the Dharee falls to the Hirnphal [Nerbudda River]. *Journ. A. S. B.*, XVII, Pt. 2, 210—221.

Ferber—

572 . 1789. [Analyse du Jargon de Ceylan.] *Journ. Phys. Chim.*; XXXIV, 152—153.

Ferber, A. C. F.

573 . 1907. An Exploration of the Mustagh Pass in the Karakoram Himalayas. *Geogr. Journ.*, XXX, 630—643.

Ferguson, A. M.

574 . 1885. Plumbago: with special reference to the Position occupied by the Mineral in the Commerce of Ceylon; and the Question discussed of the alleged existence in the Island of the Allied Substance, Anthracite. *Journ. Ceylon As. Soc.*, IX, 171—266.

Ferguson, J.

575 . 1892. The Mineral Resources of Ceylon. *Min. Journ.*; LXII, 702—703 (Abst., *Journ. I. S. Inst.*, XLII, 344—345).

Fergusson, J.

576—1. 1853. Sur les changements récents du lit du Gange. *Bibl. Univ.*, Ser. 4, XXIV, 94—96 (*Abstract*).

—2. 1863. On recent Changes in the Delta of the Ganges. *Quart. Journ. Geol. Soc.*, XIX, Pt. 1, 321—354 (Abst., *Geologist*, VI, 229; *Phil. Mag.*, Ser. 4, XXV, 555; *Zeits. f. Allg. Erdk.*, N. S., XVI, 357—369, S—g).

Fermor, L. L.

577—1. 1904. Analyses of Manganese Ores. *Rec. G. S. I.*, XXXI, 47—48.

NATIONAL ARCHIVES OF INDIA

Fermor, L. L.—*contd.*

577—2. 1904. A new form of blue Amphibole from Central India. *Rec. G. S. I.*, XXXI, 235—236 (Abst., *Zeits. f. Kryst.*, XLII, 390—391, H. L. Bowman).

—3. 1904. An unusual occurrence of Common Salt. *Rec. G. S. I.*, XXXI, 237.

—4. 1905. An unusual form of Selenite from the Pachpadra Salt-source, Jodhpur, Rajputana. *Rec. G. S. I.*, XXXII, 231 (Abst., *Zeits. f. Kryst.*, XLIII, 620, H. L. Bowman).

—5. 1906. Fluorite in Quartz-Porphyry from Sleemanabad, Jubbulpore District. *Rec. G. S. I.*, XXXIII, 62—64.

—6. 1906. Notes on the Petrology and Manganese-Ore Deposits of the Sausar Tahsil, Chhindwara District, Central Provinces. *Rec. G. S. I.*, XXXIII, 159—220 (Abst., *Zeits. f. Kryst.*, XLV, 308, H. L. Bowman; *Geol. Centralbl.*, VIII, 293—295).

—7. 1906. On Manganite from the Sandur Hills. *Rec. G. S. I.*, XXXIII, 229—232 (Abst., *Zeits. f. Kryst.*, XLV, 308, H. L. Bowman).

—8. 1906. Note on the Occurrence of Gypsum in the Vindhyan Series at Satna. *Rec. G. S. I.*, XXXIII, 233—234.

—9. 1906. Ores of Antimony, Copper and Lead from the Northern Shan States. *Rec. G. S. I.*, XXXIII, 234.

—10. 1906. Gems from the Tinnevelli District, Madras. *Rec. G. S. I.*, XXXIII, 234—235.

—11. 1906. Cassiterite-granulite from the Hazaribagh district, Bengal. *Rec. G. S. I.*, XXXIII, 235—236 (Abst., *Zeits. f. Kryst.*, XLV, H. L. Bowman).

—12. 1906. On the Lavas of Pavagad Hill. *Rec. G. S. I.*, XXXIV, 148—166.

—13. 1906. On the association of Gibbsite with Manganese ore from Talavedi, Belgaum District, and on Gibbsite from Bhekowli, Satara District. *Rec. G. S. I.*, XXXIV, 167—171 (Abst., *Journ. Chem. Soc.*, XCVI, Pt. 2, 57, L. J. S; *Zeits. f. Kryst.*, XLV, 308—309, H. L. Bowman).

NATIONAL ARCHIVES OF INDIA

Fermor, L. L.—*contd.*

577—14. **1906.** Manganese in India. *Trans. Min. Geol. Inst. Ind.*, I, 69—131 (Abst., *Journ. Chem. Soc.*, XCII, Pt. 2, 700—701, L. J. S; *Stahl. u. Eisen*, XXVII, 427—428, C. G; *Geol. Centralbl.*, X, 198—201; *Min. Journ.*, LXXXII, 178—179; *Journ. Soc. Arts*, LV, 358).

—15. **1906.** [Exhibition of Indian stony Meteorites—Bholgati, Morbhanj State, Bengal: Karkh, Jhalawan, Baluchistan: Haraiya, Basti District, United Provinces.] *Journ. A. S. B.*, N. S., II, *Proc.*, xlix—l.

—16. **1907.** Note on the Meteoric shower of the 22nd October 1903, at Dokachi and neighbourhood, Dacca District, Bengal. *Rec. G. S. I.*, XXXV, 68—78 (Abst., *Neu. Jahrb. f. Min.*, 1909, I, *Ref.* 39, v. Wolff).

—17. **1907.** Notes on some Indian Aerolites. *Rec. G. S. I.*, XXXV, 79—96 (Abst., *Neu. Jahrb. f. Min.*, 1909, I, *Ref.* 38—39, v. Wolff; *Geol. Centralbl.*, X, 150—151).

—18. **1907.** A Bituminous Limestone from the Vindhyan Series, Jodhpur State. *Rec. G. S. I.*, XXXVI, 126—127.

—19. **1907.** Wavellite from the Singhbhum District, Bengal. *Rec. G. S. I.*, XXXVI, 127—128.

—20. **1907.** Apatite-magnetite-rock from the Singhbhum District, Bengal. *Rec. G. S. I.*, XXXVI, 128.

—21. **1907.** Corundum from the Singhbhum District, Bengal. *Rec. G. S. I.*, XXXVI, 128.

—22. **1907.** Remarks on the Sampling of Manganese Ores. *Trans. Min. Geol. Inst. Ind.*, II, 95—98.

—23. **1907.** Geology of the Balaghat District, Central Provinces. *Balaghat Dist. Gazetteer*, A, 15—22.

—24. **1907.** Geology of the Seoni District, Central Provinces *Seoni Dist. Gazetteer*, A, 5—10.

—25. **1908.** Note on a group of Manganates, comprising Hollandite Psilomelane, and Coronadite. *Rec. G. S. I.*, XXXVI, 295—300 (Abst., *Journ. Chem. Soc.*, XCVI, Pt. 2, 153—154, L. J. S; *Geol. Centralbl.*, XIII, 362).

NATIONAL ARCHIVES OF INDIA

Fermor, L. L.—*contd.*

577—26. **1908.** Note on the Occurrence of Wolfram in the Nagpur District, Central Provinces. *Rec. G. S. I.*, XXXVI, 301—311.

—27. **1908.** Note on an Occurrence of Alum at Mormugao. *Rec. G. S. I.*, XXXVI, 312—314 (Abst., *Journ. Chem. Soc.*, XCVI, Pt. 2, 411, L. J. S.).

—28. **1908.** Three new Manganese-bearing Minerals :—Vredenburgite, Sitaparite, and Juddite. *Rec. G. S. I.* XXXVII, 199—212 (Abst., *Journ. Chem. Soc.*, XCVI, Pt. 2, 491, L. J. S. ; *Geol. Centralbl.*, XIII, 362—363).

—29. **1908.** Geology of the Nagpur District, Central Provinces. *Nagpur Dist. Gazetteer*, A, 9—16.

—30. **1908.** Minerals of the Nagpur District, Central Provinces. *Nagpur Dist. Gazetteer*, A, 207—216.

—31. **1908.** What is an Ore ? *Journ. Civ. Eng. Coll. Sibpur Min. Soc.*, III, 19—39.

—32. **1909.** The Manganese-Ore Deposits of India. *Mem. G. S. I.*, XXXVII, i—xcvii + 1—1294 (Review, *Nature*, LXXXIV, 128—129, J. W. Garwood ; *Stahl. u. Eisen*, XXX, 2054—2055, F. Sültemeyer ; *Peterm. Mitth.*, LVI, Pt. 2, 272, E. Wagner ; *Zeits. f. Kryst.* L, 269—274, H. L. Bowman).

—33. **1909.** Minerals of the Jubbulpore District, Central Provinces. *Jubbulpore Dist. Gazetteer*, A, 255—263.

—34. **1910.** Manganese-ore in Bilaspur District, Central Provinces. *Rec. G. S. I.*, XL, 334—335.

—35. **1910.** Note on a Palæolithic Implement made of Manganese-Ore. *Journ. A. S. B.*, N. S., VI, 381—383.

—36. **1911.** On the Age and Continuation in Depth of the Manganese-Ores of the Nagpur-Balaghat area, Central Provinces. *Rec. G. S. I.*, XLI, 1—11.

—37. **1911.** Notes on the Manganese-Ore Deposits of Gangpur State, Bengal, and on the Distribution of the Gondite Series in India. *Rec. G. S. I.*, XLI, 12—21.

NATIONAL ARCHIVES OF INDIA

Fermor, L. L.—*contd.*

577—38. 1911. Note on Braunite Crystals from some new Localities. *Rec. G. S. I.*, XLI, 43—45.

—39. 1911. What is Laterite? *Geol. Mag.*, Dec. 5, VIII, 454—462, 507—516, 559—566 (Abst., *Geol. Centralbl.*, XVIII, 63—64, W. W.).

—40. 1912. Report on the Eleventh International Geological Congress, held in Stockholm in August 1910. *Rec. G. S. I.*, XLI, 286—321.

—41. 1912. The Systematic Position of the Kodurite Series, especially with reference to the Quantitative Classification. *Rec. G. S. I.*, XLII, 208—230 (Abst., *Geol. Mag.*, *Dec.* 5, X, 268).

—42. 1912. Preliminary Note on the Origin of Meteorites. *Journ. A. S. B.*, N. S., VIII, 315—324.

—43. 1913. Preliminary Note on Garnet as a Geological Barometer and on an Infra-Plutonic Zone in the Earth's Crust. *Rec. G. S. I.*, XLIII, 41—47.

—44. 1913. Remarks on Lateritization. *Trans. Inst. Min. Met.*, XXIII, 26—30.

—45. 1913. On the Formation in Depth of Oxidised Ores and of Secondary Limestones. *Comptes Rendus, XII Congrès géol. intern. Toronto*, 271—274.

—46. 1914. On the Geology and Coal Resources of Korea State, Central Provinces. *Mem. G. S. I.*, XLI, 148—245.

—47. 1914. On the Probable Future Beheading of the Son and Rer rivers by the Hasdo. *Rec. G. S. I.*, XLIV, 234—240 (Abst., *Geogr. Journ.*, XLV, 534—535).

—48. 1914. The Relationship of Isostasy, Earthquakes, and Vulcanicity to the Earth's Infra-Plutonic Shell. *Geol. Mag., Dec.* 6, I, 65—67 (Abst., *Geol. Centralbl.*, XXI, 10, W. W.).

—49. 1915. On Hematite Crystals of Corundiform Habit from Kajlidongri. *Rec. G. S. I.*, XLV, 239—247.

NATIONAL ARCHIVES OF INDIA

Fermor, L. L.—*concld.*

577—50. 1915. The Work of Professor Lacroix on the Laterites of French Guinea. *Geol. Mag., Dec.* 6, II, 28—37, 77—82, 123—129.

—51. 1915. Note on Laterite in Guiana. *Geol. Mag., Dec.* 6, II, 47—48.

———, *see* **Holland, *Sir* T. H., 861, 862.**

Fermor, L. L., *and* Kellerschon, J.

578 . 1909. Notes on the Mining Section of the Central Provinces and Berar Exhibition, 1908. *Trans. Min. Geol. Inst. Ind.*, IV, 111—148.

Fernandez, E. E.

579 . 1900. Note on the Iron Industry in the Central Provinces. *Agric. Ledger*, VII, No. 14, 158—160.

Field, A. Mostyn

580 . 1907. A new Volcanic Island (Arakan). *Nature*, LXXV, 414 (Abst., *Globus*, XCI, 212; *Zeits. Ges. f. Erdk.*, XLII, 258).

Field, J. A.

581 . 1913. The History of the Exploration of the Upper Dihong. *Geogr. Journ.*, XLI, 291—293.

Fife, J. G.

582 . 1861. Report on the Eastern Narra. *Sel. Rec. Bo. Govt.*, N. S., LX.

Finlayson, A. M.

583 . 1912. Labour on the Burmese Oilfields. *Mining Mag.*, VI, 137—140.

Finnis, J.

584—1. 1831. Notice of Coal near Hoshangabad. *Glean. Sci.*, III, 293—294.

—2. 1834. A Summary Description of the Geology of the country between Hoshangabad on the Nerbudda, and Nagpur, by the direction of Baitool. *Journ. A. S. B.*, III, 71—75; *Western India*, 467—471.

NATIONAL ARCHIVES OF INDIA

Fischer, G.

585 . 1820. Essay on the Turquoise and the Calaite. *Ann. Philos*, XIV, 406—420; *As. Journ.*, IX, 23—30.

Fischer, H.

586—1. 1880. Ueber Jadeit. *Neu. Jahrb. f. Min.*, I, *Br. Mitth.*, 174—176 (Abst., *Zeits. f. Kryst.*, VI, 637, H. Bücking).

—2. 1881. Ueber die mineralogisch-archäologischen Beziehungen zwischen Asien, Europa und Amerika. *Neu. Jahrb. f. Min.*, II, 199—227 (Abst., *Zeits. f. Kryst.*, X, 534, P. Groth).

—3. 1883. Ueber Jadeit aus Ostasien. *Neu. Jahrb. f. Min.*, II, 92.

Fisher, F. H.

587—1. 1832. Geological Sketch of Masuri and Landour in the Himalaya; together with an Abstract of the Thermometrical Register kept at Landour during the year 1831. *Journ. A. S. B.*, I, 193—195.

—2. 1840. Memoir of Sylhet, Kachar, and the adjacent Districts. *Journ. A. S. B.*, IX, 808—843.

Fisher, *Rev.* O.

588—1. 1886. On the Variations of Gravity at certain Stations of the Indian Arc of the Meridian in Relation to their Bearing upon the Constitution of the Earth's Crust. *Phil. Mag.* Ser. 5, XXII, 1—29.

—2. 1891. Mr. Oldham on the Himalayas. *Geol. Mag.*, Dec. 3, VIII, 140.

—3. 1904. On Deflexions of the Plumb-line in India. *Phil. Mag.* Ser. 6, VII, 14—25.

—4. 1913. On the Rigidity of the Earth, and on Colonel Burrard's theory of the Himalayas. *Geol. Mag.*, Dec. 5, X, 250—252 (Abst., *Geol. Centralbl.*, XX, 251, W. W.).

—5. 1913. "The Origin of Mountains": A Reply. *Geol. Mag.*, Dec. 5, X, 434—435.

NATIONAL ARCHIVES OF INDIA

Fitch, Ralph.

589 . 1599. The Voyage of M. Ralph Fitch, marchant of London, by the way of Tripolis in Syria, to Ormus, and so to Goa in the East India, to Cambaia, and all the kingdome of Zelabdin Echebar the great Mogor, to the mighty river Ganges, and down to Bengala, to Bacola, and Chonderi, to Pegu, to Iamhay in the kingdome of Siam, and backe to Pegu, and from thence to Malacca, Zeilan, Cochin, and all the coast of the East India .. .. HAKLUYT'S *Principal Navigations*, II, 250—268.

————, *see* **Ryley, J. Horton, 1538.**

Fitzgerald, H.

590 . 1852. Détails sur un diamant trouvé au Nizam et plus gros que le Régent. *L'Institut*, XX, 119 (Abst., *Bibl. Univ.*, Ser. 4, XX, 157; *Ann. Sci. Phys. Nat. Lyon*, Ser. 2, I, XIV).

Fleming, A.

591—1. 1848. Report on the Salt Range, and on its Coal and other Minerals. *Journ. A. S. B.*, XVII, Pt. 2, 500—526.

—2. 1848. [Exhibition of specimens of Fluor-Spar from Aden.] *Proc. Roy. Soc. Edinb.*, II, 159, 160.

—3. 1849. Diary of a trip to Pind Dadud Khan and the Salt Range. *Journ. A. S. B.*, XVIII, 661—693.

—4. 1852. On the rocks of the Upper Punjaub. *Rep. Brit. Assoc.*; XXII, *Sections*, 43 (*Abstract*).

—5. 1852. Report on the Geological Structure and Mineral Wealth of the Salt Range in the Punjab. *Journ. A. S. B.*, XXII, 229—279, 333—368, 444—462; *Sel. Rec. Punj. Govt.*, II, No. 23, 253—381.

—6. 1853. On the Salt Range of the Punjaub. *Quart. Journ. Geol. Soc.*, IX, Pt. 1, 189—200.

—7. 1853. On the Geology of part of the Sooliman Range. *Quart. Journ. Geol. Soc.*, IX, Pt. 1, 346—349; *Western India*, 528—530.

NATIONAL ARCHIVES OF INDIA

Fleming, A.—*contd.*

591—8. 1854. Notes on the Iron Ore of Korana in the Jetch Dooab of the Punjab, with a Qualitative Analysis of the same. *Journ. A. S. B.*, XXIII, 92—94.

———, *see* **Davidson, T., 431**—1

———, *see* **de Koninck, L., 454.**

Fletcher, L.

592 . 1892. On Baddeleyite (native zirconia) a new mineral, from Rakwana, Ceylon. *Mineral. Mag.*, X, 148—160 (Abst., *Neu. Jahrb. f. Min.*, 1895, I, *Ref.* 16—17, K. Busz; *Zeits. f. Kryst.*, XXV, 297—298, C. Hintze).

Fliegel, G.

593 . 1898. Die Verbreitung des marinen Obercarbon in Süd und Ost-Asien. *Zeits. deutsch. Geol. Gesell.*, L, 385—408.

Floyer, E. Ayscoghe.

594 . 1882. Unexplored Balúchistan. A Survey, with observations astronomical, geographical, botanical, etc., of a route through Mekran, Bashkurd, Persia, Kurdistan and Turkey. 8°, 507 pp., London (Abst., *Verh. Ges. f. Erdk.*, X, 235—237).

Foley, W.

595—1. 1833. [Note on specimens of Coal from Arakan]. *Journ. A. S. B.*, II, 368.

—2. 1834. [Letter forwarding specimens of Fossil Shells and Coal from Ramree.] *Journ. A. S. B.* III, 412—413.

—3. 1835. Journal of a tour through the Island of Rambree, with a Geological Sketch of the Country, and Brief Account of the Customs, etc., of its Inhabitants. *Journ. A. S. B.*, IV, 20—39, 82—95, 199—207.

—4. 1836. Notes on the Geology, etc., of the Country in the Neighbourhood of Maulamyeng (*Vulg.* Moulmein). *Journ. A. S. B.*, V, 269—281.

Foote, H. B., *see* **Foote, R. Bruce, 596**—27, —30.

NATIONAL ARCHIVES OF INDIA

Foote, R. Bruce

596—1. **1862.** Notes of a recent excursion to the Kolymullays. *Mad. Quart. Med. Journ.*, N. S., IV, 91—97; SHORTT'S *Hill Ranges of S. India*, Pt. 2, 94—100.

—2. **1865.** On the occurrence of Stone Implements in Lateritic Formations in various parts of the Madras and North Arcot Districts; with an Appendix by William King, *jun.* 8°, Madras (Review, *Journ. Sci.*, III, 54—60).

—3. **1866.** On the occurrence of Stone Implements in various parts of the Madras and North Arcot Districts. *Mad. Journ. Lit. Sci.*, Ser. 3, II, 1—35.

—4. **1868.** On the Distribution of Stone Implements in Southern India. *Quart. Journ. Geol. Soc.*, XXIV, Pt. I, 484—495 (Abst., *Geol. Mag.*, Dec. 1, V, 387—388; *Phil. Mag.*, Ser. 4, XXXVII, 150—151; *Neu. Jahrb. f. Min.*, 1869, 638—639; *Journ. Sci.*, VI, 123—124).

—5. **1870.** Notes on the Geology of the neighbourhood of Madras. *Rec. G. S. I.*, III, 11—17 (Abst., *Geol. Mag.*, Dec. 1, VII, 379).

—6. **1871.** Results of an Enquiry into an alleged discovery of Coal near Gooty, and of indications of Coal in Cuddapah District. *Rec. G. S. I.*, IV, 16—18.

—7. **1872.** Notes on the Geology of the country between the towns of Juggiapett and Bellamkonta in the Kistnah District. *Mem. G. S. I.*, VIII, 293—313.

—8. **1873.** On the Geology of parts of the Madras and North Arcot Districts lying north of the Palar River, and included in Sheet 78 of the Indian Atlas. *Mem. G. S. I.*, X, 1—132.

—9. **1873.** Discovery of pre-historic Remains in India. *Geol. Mag.*, Dec. 1, X, 187.

—10. **1874.** *Rhinoceros deccanensis.* *Pal. Indica*, Ser. X, I, Pt. 1., 1—17.

—11. **1874.** The Auriferous Rocks of the Dambal Hills, Dharwar District. *Rec. G. S. I.*, VII, 133—142.

NATIONAL ARCHIVES OF INDIA

Foote, R. B.—*contd.*

596—12. 1876. The Geological Features of the South Mahratta Country and Adjacent Districts. *Mem. G. S. I.*, XII, 1—268.

—13. 1878. Notes on the Representatives of the Upper Gondwana Series in Trichinopoly and Nellore-Kistna Districts. *Rec. G. S. I.*, XI, 247—259.

—14. 1878. Geology of Ratnágiri. *Bombay*, 28—37; *Bombay Gazetteer*, X, 12—21.

—15. 1878. Geology of Sáwantwári. *Bombay*, 38—49; *Bombay Gazetteer*, X, 390—399.

—16. 1878. Geology of the Southern Mahratta Country. *Bombay*, 53—67.

—17. 1879. On the Geological Structure of the Eastern Coast from Latitude 15° northward to Masulipatam. *Mem. G. S. I.*, XVI, 1—107 (Abst., *Neu. Jahrb. f. Min.*, 1880, II, *Ref.* 329—330, W. Waagen).

—18. 1879. On the geological features of the northern part of Madura District, the Pudukotai State, and the southern parts of the Tanjore and Trichinopoly Districts included within the limits of Sheet 80 of the Indian Atlas. *Rec. G. S. I.*, XII, 141—158 (Abst., *Neu. Jahrb. f. Min.*, 1881, I, *Ref.* 56—57, W. Waagen).

—19. 1879. Rough notes on the Cretaceous Fossils from Trichinopoly District, collected in 1877—78. *Rec. G. S. I.*, XII, 159—162.

—20. 1879. Sketch of the Geology of North Arcot District. *Rec. G. S. I.*, XII, 187—208.

—21. 1880. Notes on the Occurrence of Stone Implements in the Coast Laterite, South of Madras, and in High-level Gravels and other Formations in the South Mahratta Country. *Geol. Mag.*, Dec. 2, VII, 542—546 (Abst. *Rep. Brit. Assoc.*, L, 589—590; *Nature*, XXII, 451).

NATIONAL ARCHIVES OF INDIA

Foote, R. B.—*contd.*

596—22. 1882. Notes on a traverse across some Gold-fields of Mysore. *Rec. G. S. I.*, XV, 191—202.

—23. 1882. Sketch of the work of the Geological Survey in Southern India. *Mad. Journ. Lit. Sci.*, for 1881, 279—328 (Review, *Geol. Mag.*, Dec. 2, X, 313—314).

—24. 1883. On the Geology of the Madura and Tinnevelly Districts. *Mem. G. S. I.*, XX, 1—103 (Abst., *Peterm. Mitth.*, XXXI, 153—154, Supan).

—25. 1883. On the Geology of South Travancore. *Rec. G. S. I.*, XVI, 20—35.

—26. 1884. Rough notes on Billa Surgam and other caves in the Kurnool District. *Rec. G. S. I.*, XVII, 27—34.

—27. 1884. Mr. H. B. Foote's work at the Billa Surgam Caves. *Rec. G. S. I.*, XVII, 200—208.

—28. 1885. Notes on the Country between the Singareni Coal-field and the Kistna River. *Rec. G. S. I.*, XVIII, 12—25 (Abst., *Journ. I. S. Inst.*, XXV, 304; *Peterm. Mitth.*, XXXI, 234, Supan).

—29. 1885. Geological Sketch of the Country between the Singareni Coal-field and Hyderabad. *Rec. G. S. I.*, XVIII, 25—30.

—30. 1885. Notes on the results of Mr. H. B. Foote's further excavations in the Billa Surgam Caves. *Rec. G. S. I.*, XVIII, 227—235.

—31. 1886. Notes on the Geology of parts of Bellary and Anantapur Districts. *Rec. G. S. I.*, XIX, 97—111 (Abst., *Peterm. Mitth.*, XXXII, *Litt.*, 126, Supan).

—32. 1887. Notes on some recent Neolithic and Palæolithic Finds in South India. *Journ. A. S. B.*, LXI, Pt. 2, 259—282 (Abst., *Nature*, XXXVIII, 87).

—33. 1887. Report on the auriferous tracts in Mysore. Fol.; Bangalore.

NATIONAL ARCHIVES OF INDIA

Foote, R. B.—*contd.*

596—34. 1888. The Dharwar System, the Chief Auriferous rock series in South India. *Rec. G. S. I.*, XXI, 40—56; XXII, 17—39 (Abst., *Peterm. Mitth.*, XXXV, *Litt.* 51, Supan; *Ann. Géol. Univ.*, VI, 589—590, E. de M.).

—35. 1888. Letter on Ancient Stone Implements in India. *Proc. A. S. B.*, 194—199.

—36. 1889. Notes on the Wajra Karur Diamonds, and on M. Chaper's alleged discovery of diamonds in pegmatite near that place. *Rec. G. S. I.*, XXII, 39—49.

—37. 1890. The Coral Reefs of Rameswaram Island. *Scot. Geogr. Mag.*, VI, 257—258 (Abst., from *Madras Christian College Magazine*, May, 1889).

—38. 1894. On Prehistoric Man in the Old Alluvium of the Sabarmati River in Gujarat, Western India. *Rep. Brit. Assoc.*, LXIV, 664 (*Abstract*).

—39. 1896. The Geology of the Bellary District, Madras Presidency. *Mem. G. S. I.*, XXV, 1—218 (Review, *Geol. Mag.*, Dec. 4, VII, 77—79).

—40. 1898. The Geology of Baroda State. 8°, 194 pp., Madras (Review, *Geol. Mag.*, Dec. 4, VII, 79—81).

—41. 1900. Geological Notes on a Traverse through Mysore State. *Mem. Mysore Geol. Dep.*, I, 1—103.

—42. 1900. Report on the working of the Geological Department, Mysore, from the 1st October 1894 to the 31st December 1895. *Rec. Mysore Geol. Dep.*, I, 1—7.

—43. 1900. Note on the Marikhanave Gorge. *Rec. Mysore Geol. Dep.*, I, 24—26.

—44. 1900. Annual Report of the Geological Department, Mysore, for the year 1896. *Rec. Mysore Geol. Dep.*, I, 29—38.

—45. 1900. Mysore Decorative and Building Stones. *Rec. Mysore Geol. Dep.*, I, 70—73.

NATIONAL ARCHIVES OF INDIA

Foote, R. B.—*concld.*

596—46. 1900. Notes on the Porphyry Dykes in Seringapatam, Tirumakondlu-Narasipur and Mandya Taluks. *Rec. Mysore Geol. Dep.*, I, 74—78.

—47. 1900. Notes on the Honnagudda and Hiriyur Mining Blocks in the Shimoga District. *Rec. Mysore Geol. Dep.*, I, 83—89.

—48. 1901. Catalogue of the Prehistoric Antiquities [in the Government Central Museum, Madras]. 8°, xix+131 pp., Madras.

———, *see* **Cox, A. F., 381.**

———, *see* **King, W., 988.**

———, *see* **Le Fanu, H., 1048.**

———, *see* **Nicholson, F. A., 1302.**

———, *see* **Oldham, T., 1326—36,—40.**

Forbes, D.

597 . 1871. Report on certain samples of iron ore from the Chanda District, Central Provinces of India. *Ind. Economist*, III, 78; *Gazette of India, Suppl.*, 1871, 1342.

Forbes, E.

598—1. 1844. Report on the Collection of (Cretaceous) Fossils from Southern India, presented by C. J. Kaye, Esq., and the Rev. W. H. Egerton. *Quart. Journ. Geol. Soc.*, I, 79—81; *Proc.*, IV, 325—327 (Abst., *Cal. Journ. Nat. Hist.*, VI, 263—266).

—2. 1845. Report on the Fossil Invertebrata from Southern India, collected by Mr. Kaye and Mr. Cunliffe. *Geol. Trans.*, Ser. 2, VII, 97—174.

Forbes, F.

599 . 1838. Some account of the western portion of Márwár commonly called Mullání. *Trans. Bo. Geogr. Soc.*, II, Pt. 1, 26—32.

NATIONAL ARCHIVES OF INDIA

Forbes, J. D.

600 . 1847. Observations on the Temperature of the Earth at Trevandrum. *Rep. Brit. Assoc.*, XVII, *Sections* 40—41; *Mad. Journ. Lit. Sci.*, XIV, Pt. 1, 199—200.

Forbes, L. R.

601 . 1872. Report on the Ryotwaree settlement of the Government Farms in Palamow. 8°, Calcutta.

Ford, W.

602 . 1866. [Report on Barren Island.] *Proc. A. S. B.*, 212—217.

Forlong, J. G., *see* **Fraser, A., 617.**

Forrest, R. E.

603 . 1863. Memorandum on the improvements in the irrigation of the Deyrah Doon and Remarks on the drainage of the eastern portion of the Valley. *Prof. Papers Ind. Eng.*, Ser. 1, I, 57—74.

Forster, C.

604 . 1861. Report upon the River Jhelum, with a view to its Navigation in the low season; also, remarks on the Chenab, from Trimmo Ferry to Mooltan. *Sel. Rec. Punj. Govt.*, V, No. 6, 173—182.

Forster, G.

605 . 1800. Travels in Kashmir. *As. Ann. Reg.*, I, *Misc. Tracts*, 86—98.

Forster-Cooper, C.

606—1. 1911. *Paraceratherium bugtiense*, a new genus of *Rhinocerotidæ* from the Bugti Hills of Baluchistan.—Preliminary Notice. *Ann. Mag. Nat. Hist.*, Ser. 8, VIII, 711—716.

—2. 1911. The Mammalian Fauna in the Miocene Deposits of the Bugti Hills, Baluchistan. *Rep. Brit. Assoc.*, LXXXI, 127—128; *Geol. Mag.*, Dec. 5, VIII, 473.

—3. 1913. *Thaumastotherium Osborni*, a new genus of Perissodactyles from the Upper Oligocene Deposits of the Bugti Hills of Baluchistan. Preliminary notice. *Ann. Mag. Nat. Hist.*, Ser. 8, XII, 376—381.

NATIONAL ARCHIVES OF INDIA

Forster-Cooper, C.—*contd.*

606—4. 1913. New *Anthracotheres* and allied forms from Baluchistan—Preliminary Notice. *Ann. Mag. Nat. Hist.*, Ser. 8, XII, 514—522.

—5. 1915. New General and Species of Mammals from the Miocene Deposits of Baluchistan.—Preliminary Notice. *Ann. Mag. Nat. Hist.*, Ser. 8, XVI, 404—410.

Forsyth, J.

607 . 1871. The Highlands of Central India : notes on their Forest and Wild Tribes, Natural History, and Sports. 8°, 472 pp., London (Review, *Nature*, VI, 99—100, M. T. Sale ; *Bull. Soc. Géogr.*, Ser. 6, IV, 199—201, F. Garnier).

Forsyth, *Sir* T. D.

608—1. 1869. Memorandum on Routes from the Punjab to Eastern Turkistan. *Sel. Rec. Punj. Govt.*, N. S., No. 2, 3—21.

—2. 1874. Letters on the Yarkand Mission. *Proc. R. Geogr. Soc.*, XVIII, 111—117. (*Contains observations on the glaciers of the Karakoram.*)

—3. 1875. Report of a Mission to Yarkand in 1873 ; with historical and geographical information regarding the possessions of the Ameer of Yarkund. 4°, 573 pp., Calcutta.

———, *see* **Rawlinson, *Sir* H. C., 1465—4.**

———, *see* **Trotter, H., 1807—1,—3.**

Foss, K. M.

609 . 1904. The Occurrence of Tin and Gold in Lower Burma. *Min. Journ.*, LXXVI, 505—506.

Foster, R.

610 . 1839. Short Topographical and General Description of the Cape of Aden. *Trans. Bo. Geogr. Soc.*, II, Pt. 4, 18—25.

Foullon, H. B. *von.*

611 . 1888. Untersuchung der Meteorsteine von Shalka und Manbhoom. *Ann. k. k. Nat. Hofmus. Wien.*, III, 195—208 (Abst., *Journ. Chem. Soc.*, LVI, Pt. 2, 574, J. W. L. ; *Neu. Jahrb. f. Min.*, 1889, II, *Ref*, 279—281, E. Cohen).

NATIONAL ARCHIVES OF INDIA

Fox, Cyril.

612—1. 1913. Note on specimens of Blödite from the Salt Range. *Rec. G. S. I.*, XLII, 34—36.

—2. 1914. Note on a Dyke of White Trap from the Pench Valley Coal-field, Chhindwara District, Central Provinces. *Rec. G. S. I.*, XLIV, 123—136.

Fraas, O.

613 . 1877. Ueber das Vorkommen des Chlornatrium und der begleitenden Salze in Indien. *Oester. Zeits. f. Berg.- u. Hüttenw.*, XXIV, 385 (Abst., *Zeits. f. Kryst.*, I, 70).

Francke, *Rev.* A. H.

614 . 1903. Notes on a Collection of Stone Implements from Ladakh. *Ind. Antiquary*, XXXII, 389—391; XXXIII, 216.

Francklin, W.

615 . 1823. A Journey from Bhagalpur through the Raj Mahal Hills, in the month of December and January 1820-21. *As. Journ.*, XVI, 460—468; *Cal. Ann. Reg.*, Ch. V, 1—13.

Franklin, J.

616—1. 1825. Memoir on Bundelkhand. *Trans. R. As. Soc.*, I, 259—281.

—2. 1825. A Table of the Geographical Positions of several Places in India. *Edin. Phil. Journ.*, XIII, 39—44.

—3. 1828. On the Geology of a Portion of Bundelkhand, Baghelcund, and the Districts of Saugor and Jubulpore. *Geol. Trans.*, Ser. 2, III, 191—200; *Proc. Geol. Soc.*, I, 82—85; *As. Res.*, XVIII, Pt. 1, 23—46 (Review, *Glean. Sci.*, I, 213—215; *As. Journ.*, XXVI, 193—194).

—4. 1829. On the Diamond Mines of Panna in Bundelkhand. *As. Res.*, XVIII, Pt. 1, 100—122 (Review, *Glean. Sci.*, I, 220—222; *As. Journ.*, XXVII, 589—590, *Edin. Journ. Sci.*, N. S., V, 150—166).

—5. 1829. Notice of the Newly discovered Coal Mine [in Palamao]. *Glean. Sci.*, I, 178.

NATIONAL ARCHIVES OF INDIA

Franklin, J.— *contd.*

616—6. 1830. On the Coalfield of Palamú. *Glean. Sci.*, II, 217—220.

Fraser, A., *and* Forlong, J. G.

617 . 1862. Report on a Route from the mouth of the Pakchan to Krau and thence across the Isthmus of Krau to the Gulf of Siam. *Journ. A. S. B.*, XXXI, 347—361; *Indo-China*, Ser. 1, I, 285—297 (Abst., *Proc. R. Geogr. Soc.*, VII, 58—61).

Fraser, H.

618 . 1878. [Note on the Dandapur Meteorite, September 5, 1878.] *Proc. A. S. B.*, 190—191.

Fraser, J. Baillie

619—1. 1818. Notes, accompanying a set of Specimens from the Himalaya Mountains. *Geol. Trans.*, Ser. 1, V, 60—72.

—2. 1819. Notice respecting the Journey to the Sources of the Jumna and the Ganges. *Edin. Phil. Journ.*, I, 127—129.

—3. 1820. Account of a Journey to the Sources of the Jumna and Bhagirathi rivers. *As. Res.*, XIII, 171—249.

—4. 1820. Journal of a Tour through part of the Snowy Range of the Himálá Mountains, and to the sources of the Rivers Jumna and Ganges. 4°, 548 pp., London.

—5. 1820. Notices respecting the Himalaya Mountains and the Sources of the Jumna and the Ganges, etc. *Edin. Phil. Journ.*, III, 219—230.

—6. 1822. Description accompanying a Collection of Specimens made on a Journey from Delhi to Bombay. *Geol. Trans.*, Ser. 2, I, 141—161; *As. Journ.*, XIII, 366—368.

—7. 1822. Notes made in the course of a Voyage from Bombay to Bushire in the Persian Gulf. *Geol. Trans.*, Ser. 2, I, 409—412.

Frech, Fritz

620—1. 1897. Pendschab-Provinz des Untercambrium. *Leth. Geogn.*, —Palaeozoica, II, 53—54.

NATIONAL ARCHIVES OF INDIA

Frech, Fritz—*contd.*

620—2. 1899. Die wissenschaftliche Ergebnisse der Reise des Grafen Béla Széchenyi in Ostasien.—Palaeozoische Korallen, —Vol. III, Pt. 1, 231—235.

—3. 1902. Die untere marine Dyas des Grossen Mittelmeeres. *Leth. Geogn.*,—Palaeozoica, II, 499—504.

—4. 1902. Die dyadische Eiszeit der Südhemisphäre und die Continental-bildungen triadischen Alters (Glossopterisfauna). *Leth. Geogn.*—Palaeozoica, II, 579—639.

—5. 1902. Ueber Trias-Ammoniten aus Kashmir. *Centralbl.*, III, 134—137 (Abst., *Revue. Pal.*, VI, 127; *Geol. Centralbl.*, IV, 184, J. Böhm).

————, *see* **Suess, E., 1725.**

Fredericke, Cæsar

621 . 1599. The voyage and trauell of M. Cæsar Fredericke, Marchant of Venice, into the East India and beyond the Indies. HAKLUYT'S *Principal. Navigations*, II, 213—244.

Freise, Frd.

622—1. 1907. Geographische Verbreitung und wirtschaftliche Entwicklung des Bergbaues in Vorder—und Mittelasien während des Altertums. *Zeits. f. prakt. Geol.*, XV, 101—117.

—2. 1908. Berg- und hütten-mannische Untersuchungen in Asien und Afrika während des Altertums. *Zeits. f. Berg-Hütten- u. Salinenw.*, LVI, 347—416.

Frere, *Sir* H. B. E.

623—1. 1853. On the Geology of a part of Sind. *Quart. Journ. Geol. Soc.*, IX, Pt. I, 349—351; *Western India*, 530—532.

—2. 1869. On the Runn of Cutch and the Countries between Rajpootana and Sind. *Rep. Brit. Assoc.*, XXXIX, *Sections*, 163 (*Abstract*).

NATIONAL ARCHIVES OF INDIA

Frere, *Sir* H. B. E.—*contd.*

623—3. 1870. Notes on the Runn of Cutch and neighbouring Region. *Journ. R. Geogr. Soc.*, XL, 181—207 (Abst., *Proc. R. Geogr. Soc.*, XIV, 120—124).

Freshfield, D. W.

624—1 1886. Further Notes on "Mount Everest." *Proc. R. Geogr. Soc.*, N. S., VIII, 176—188.

—2. 1891. Note on Mount Everest. *Proc. R. Geogr. Soc.*, N. S. XIII, 108—111.

—3. 1900. Round Kanchinjinga. *Alp. Journ.*, XX, 161—184 (Abst., *Geogr. Journ.*, XV, 642—643).

—4. 1901. The Glaciers of Kanchinjinga. *Geogr. Journ.*, XIX, 453—475 (Review, *Nature*, LXVI, 19—20; *Peterm. Mitth.*, XLVIII, *Litt.* 128, Greim).

—5. 1902. Mount Everest oder Jomo-kang-kar. *Peterm. Mitth.* XLVIII, 14—15.

—6. 1903. The highest Mountain in the world. *Geogr. Journ.*, XXI, 294—298.

—7. 1903. Round Kanchinjunga. A Narrative of Mountain Travel and Exploration. 8°, 367 pp., London (Review, *Alp. Journ.*, XXII, 77—80, T. G. Bonney; *Geogr. Journ.*, XXIII, 244—246; *Geol. Mag.*, Dec. 5, I, 74—79; *Nature*, LXX, 8—10; *Peterm. Mitth.*, L, *Litt.* 191—192, C. Diener; *Scot. Geogr. Mag.*, XX, 143—146).

—8. 1904. On Mountains and Mankind. Presidential Address, British Association, Section E. *Rep. Brit. Assoc.*, LXXIV, 612—626; *Scot. Geogr., Mag.*, XX, 505—526.

—9. 1904. Notes from Tibet. *Geogr. Journ.*, XXIII, 361—366.

—10. 1904. Himalayan Nomenclature. *Geogr. Journ.*, XXIV, 356—359.

—11. 1905. The Sikkim Himalaya. *Scot. Geogr. Mag.*, XXI, 173—182.

———, *see* Tanner, H. C. B., 1746.

NATIONAL ARCHIVES OF INDIA

Fryar, Mark

625—1. 1869. A letter to the Proprietors and Managers of the Coal Mines in India. 12°, London.

—2. 1871. Note on the Iron Ores at Goonjwai, Lohara, and Dewulgaon in the Chanda District. *Ind. Economist*, III, 78; *Gazette of India Suppl.*, 1871, 1341 (Abst., *Journ. Sci.*, VI, 559—560).

—3. 1871. Report on Coal Exploration in the Chanda District. *Ind. Economist*, III, 136—137.

—4. 1872. Report on some mineraliferous localities in Tenasserim. *Ind. Economist*, IV, 42-43; *Coll. Guard.*, XXIV, 253-254, 427-428; *Burma*, 413-444 (Abst., *Nature*, VI, 356).

—5. 1872. [Coal at Moulmein.] *Ind. Economist*, IV, 130; *Burma*, 444, 460-462.

—6. 1873. Report on Minerals in Shwegyeen, Toungoo, and Pahpoon Districts, Tenasserim Division, Burma. *Coll. Guard.*, XXX, 390; *Burma*, 462—475.

—7 1878. Mineral Resources of British Burma. *Journ. Soc. Arts*, XXVI, 169.

—8. 1882. Correspondence regarding Tenasserim Minerals. *Burma*, 445–449.

—9. 1882. Report on Minerals in the Amherst District of the Tenasserim Division. *Burma*, 450—459.

Fryer, *Sir* F.

626 . 1905. Burma. *Journ. Soc. Arts*, LIII, 153—167.

Fryer, G. E.

627 . 1872. [Exhibition of Cells from Burma. *Proc. A. S. B.*, 46.

Fryer, J. C. F.

628 . 1909. [Report on certain Islands in the Indian Ocean.] *Rep. Brit. Assoc.*, LXXIX, 200—208.

NATIONAL ARCHIVES OF INDIA

Fulljames, G.

629—1. 1837. [Exhibition of Fossil Bones from Perim Island]. *Journ. A. S. B.*, VI, 78—79.

—2. 1837. Section of the Strata passed through in an experimental boring at the town of Gogah, on the Gujerát peninsula, Gulph of Cambay. *Journ. A. S. B.*, VI, 786—788 (Abst., *Western India*, 500, H. J. Carter).

—3. 1838. Report on the Inundation that occurred at Surat on the 28th of August, 1837. *Trans Bo. Geogr. Soc.*, I, 352—359.

—4. 1838. A visit, in December 1832, to the Carnelian Mines, situated in the Rajpeepla Hills to the eastward of Broach. *Trans. Bo. Geogr. Soc.*, II, Pt. 2, 74—78 (Abst., *Western India*, 499, H. J. Carter).

—5. 1841. Note on the discovery of Fossil Bones of Mammalia in Kathiawar. *Journ. Bo. As. Soc.*, I, 30—33 (Abst., *Western India*, 500, H. J. Carter).

—6. 1846. Observations on the Runn.—With a rough sketch of the Camp at Casba, on the north side of the Large Runn. *Trans. Bo. Geogr. Soc.*, VII, 127.

—7. 1846. Remarks on a singular Hollow, twelve miles in length, called the "Boke," situated in the Purantej Pergunnah of the Ahmedabad Collectorate—with a sketch of the Boke near Purantej Kusba large Lake. *Trans. Bo. Geogr. Soc.*, VII, 164—167.

—8. 1849. Remarks on the Gulf of Cutch. *Trans. Bo. Geogr. Soc.*, VIII, 360—365.

—9. 1852. Geological and Statistical Notes on portions of the Rewa Kanta Districts ..... accompanied by a description of the Iron Ores of those Districts. *Sel. Rec. Bo. Govt.*, N. S., XXIII, Pt. 1, 93—114.

—10 1853. A description of the Salt-water lake called the Null, situated on the Isthmus of Kattyawar. *Journ. Bo. As. Soc.*, V, 109—116.

NATIONAL ARCHIVES OF INDIA

Fulljames, G.—*contd.*

629—11. 1857. Discovery of Nummulitic Limestone in the Rajpipla Hills. *Journ. Bo. As. Soc.*, V, 624—626.

—12. 1861. Geology of the North Bank of the Nerbudda from Baroda eastward. *Journ. Bo. As. Soc.*, VI, 163—164 (*Abstract*).

———, *see* **Hugel, *Baron* Karl *von*, 882.**

Fulton, J.

630 . 1865. Report on Lands affected by Reh efflorescence. *Sel. Rec. Govt. N.-W. P.*, Ser. 2, II, 190–195.

Fytche, A.

631 . 1863. [Note on the Coal Mines at Thatay Khyoung, Tenasserim.] *Sel. Rec. Govt. India*, XXXIX, (3), 1—4.

G

Gait, E. A.

632 . 1897. Report on the Earthquake of the 12th June 1897, so far as it affected the Province of Assam. Fol., 72 pp., Calcutta.

Ganzenmuller, Konrad

633 . 1878. Tibet nach den Resultaten geographischer Forschungen früherer und neuester Zeit. Mit einer Einleitung von Hermann von Schlagintweit-Sakünlünski. 8°, xi+132 pp., Stuttgart.

Gardiner, J. Stanley

634—1. 1900. Report on the Coral Reefs of the Indian Region. *Rep, Brit. Assoc.*, LXX, 400—402.

—2. 1900. The Atoll of Minikoi. *Proc. Cambridge Phil. Soc.*, XI, 22—26.

—3. 1902-1906. The Fauna and Geography of the Maldive and Laccadive Archipelagoes. Being the account of the Work carried on and of the Collections made by an Expedition during the years 1899 and 1900. 4°, 2 Vols., Cambridge (Review, *Nature*, LXV, 514—515, R. L.; *Peterm. Mitth.* XLVIII, *Litt.* 129—130, R. Langenbeck).

NATIONAL ARCHIVES OF INDIA

Gardiner, J. Stanley—*contd.*

634—4. 1902. The Formation of the Maldives. *Geogr. Journ.*, XIX, 277—301 (Abst., *Geol. Centralbl.*, III, 164, C. V. C.).

—5. 1903. The Origin of Coral Reefs as shown by the Maldives. *Amer. Journ. Sci.*, Ser. 4, XVI, 203—213 (Abst., *Peterm. Mitth.*, L, *Litt.*, 193; R. Langenbeck).

—6. 1906-1909. Reports of the Committee appointed to carry on an Expedition to investigate the Indian Ocean between India and South Africa, in view of a possible land connection, to examine the deep submerged banks, the Nazareth and Saya de Malha, and also the distribution of marine animals. *Rep. Brit. Assoc.*, LXXVI, 331—339; LXXVII, 351—353; LXXVIII, 305; LXXIX, 198—208.

—7. 1906. The Indian Ocean. *Geogr. Journ.*, XXVIII, 313—332, 454—471 (Abst. *Zeits. Ges. f. Erdk.*, XLI, 438-439, E. Tiessen).

—8. 1907. The Percy Sladen Trust Expedition to the Indian Ocean in 1905. *Trans. Linn. Soc.*, Ser. 2, XII, 1—56, 111—175.

Garnett, —

635 . 1856. Note on Fossil Bones from Kooshalghur on the Indus. *Journ. A. S. B.*, XXV, 359—360.

Garstin, J. H.

636 . 1878. Manual of the South Arcot District. 8°, 495 + xxxviii pp., Madras (Pt. IV contains notes on the Geology, compiled from the Memoirs of Dr. W. King and Mr. R. B. Foote). *Mem. G. S. I.*, IV, Pts. 1 and 2.

Garwood, E. J.

637—1. 1901. Notes on a Map of "The Glaciers of Kangchenjunga" (*see* No. 624-4), with remarks on some of the Physical Features of the District. *Geogr. Journ.*, XX, 13—24.

—2. 1902. On the origin of some Hanging Valleys in the Alps and Himalayas. *Quart. Journ. Geol. Soc.*, LVIII, 703—718 (Abst., *Geol. Mag.*, Dec. 4, IX, 383; *Peterm. Mitth.*, L., *Litt.*, 20, Hess; *Phil. Mag.*, Ser. 6, V, 173—174).

NATIONAL ARCHIVES OF INDIA

Garwood, E. J.—*contd.*

637—3. 1903. The Geological Structure and Physical Features of Sikkim. FRESHFIELD'S "*Round Kanchinjunga*," 275—307.

Gaskoin, C. A.

638 . 1854. Memorandum on the Survey of the River Gogra. *Sel. Rec. Govt. India*, IV, 13—17.

Gastrell, J. E.

639 . 1868. Geographical and Statistical Report of the Districts of Jessore, Fureedpore and Backergunge. 4°, 46+ xi pp., Calcutta (*Contains remarks on the origin of the Sunderbans and on sand dunes of the coast*).

Gay-Lussac, J. L., *and* Vauquelin, N. L.

640 . 1824. Rapport sur un Mémoire de M. Laugier, ayant pour objet l'analyse de trois minéraux recueillis par M. Leschenault de la Tour à Ceylan et à la Côte de Coromandel. *Ann. Chim. Phys.*, Ser. 2, XXVII, 311—315.

Geinitz, H. B.

641 . 1881. Über einen Erdrutsch oder Landslip von Naine Tal in Indien. *Sitz. naturw. Ges. Isis.*, Jahrg. 1881, 1.

Gell, F.

642 . 1878. The Hill Forts of the Deccan. *Good Words*, XIX. 24—29.

Genth, F. A.

643 . 1873. Corundum: its Alterations and Associated Minerals. *Proc. Amer. Phil. Soc.*, XIII, 361—406.

Geoffroy-Saint-Hilaire, Et.

644—1. 1837. Sur le nouveau genre *Sivatherium*, trouvé fossile au bas du versant méridional de l'Himalaya, dans le vallée du Markanda; animal gigantesque de l'ancien monde, que je propose de rapporter au genre *Camelopardalis*. *C. R. Ac. Sc.*, IV, 53—60.

—2. 1837. Du *Sivatherium* de l'Himalaya, comme offrant un cas analogue de terrain et de degré d'organisation à l'éléphant Mammouth, et comme contribuant à l'enseignement des causes incessantes et graduelles modifiant les formes animales dans les âges de la terre. *C. R. Ac. Sc.*, IV, 77—82.

NATIONAL ARCHIVES OF INDIA

Geoffroy-Saint-Hilaire, Ét.—*contd.*

644—3. 1837. Encore cet écrit sur le *Sivatherium*, considéré sous le pointe de vue de ses révélations contestées relativement à la Philosophie zoologique. *C. R. Ac. Sci.*, IV, 113—122.

George, E. C. S.

645 . 1908. Memorandum on the Tourmaline Mines of Maingnin. *Rec. G. S. I.*, XXXVI, 233—238.

George, Glen

646—1. 1909. The Coal-Mining Industry in Bengal. *Eng. Min. Journ.*, LXXXVII, 555—558 (Abst., *Journ. I. S. Inst.*, LXXIX, 528).

—2. 1910. Draft Plans for a Panel System in Indian Coal-Mining. *Trans. Min. Geol. Inst. Ind.*, V, 76—86.

—3. 1912. Note on Deep Shafts. *Trans. Min. Geol. Inst. Ind.*, VII, 70—75.

———, *see* **Evans, J. H., 554.**

Gerard, Alex.

647—1. 1824. Journal of an Excursion through the Himalayah Mountains, from Shipke to the Frontiers of Chinese Tartary. *Edin. Journ. Sci.*, I, 41—51, 215—224.

—2. 1841. An account of Koonawur, in the Himalaya, etc., etc. Edited by George Lloyd, 8°, 308 + xxvi pp., London.

—3. 1842. Narrative of a Journey from Soobathoo to Shipke in Chinese Tartary. *Journ. A. S. B.*, XI, 363—391.

———, *see* **Lloyd, *Sir* W., 1079.**

Gerard, Alex. *and* P.

648 . 1824. Account of part of a Journey through the Himalaya Mountains. *Edin. Phil. Journ.*, X, 295—305 (Abst., *Bull. Soc. Géogr.*, V, 420—437, 481—502, de Larenaudière).

NATIONAL ARCHIVES OF INDIA

Gerard, Alex., *and* Colebrooke, H. T.

649 . 1825. On the Valley of the Setlej River, in the Himalaya Mountains. *Trans. R. As. Soc.*, I, 343—380; *Edin. Journ. Sci.*, V, 270—278; VI, 28—50 (Abst., *As. Journ.*, XXI, 333—341, 457—468).

Gerard, J. G.

650—1. 1829. [Notes on a journey through Kanawar.] *Glean. Sci.*, I, 92, 109—111 (Abst., *Edin. N. Phil. Journ.*, IX, 391—394).

—2. 1831. Fossil Shells in the Snowy Mountains of Thibet. *Edin. N. Phil. Journ.*, X, 179.

—3. 1833. Observations on the Spiti Valley and circumjacent Country within the Himalaya. *As. Res.*, XVIII, Pt. 2, 238—278.

—4. 1833. Note on Fossil Shells near Herat. *Journ. A. S. B.*, II, 652.

———, *see* **Burnes, *Sir* A., 236.**

———, *see* **Cunningham, J. W., 401—1.**

Gerard, P.

651 . 1844. Remarks on some of the mineral productions of the Himalayas. *Delhi Medical Journal*, I, 63—71.

———, *see* **Gerard, Alex., 648.**

Ghose, A.

652—1. 1907. Prospects of the Indian Manganese Industry. *Journ. Soc. Arts*, LV, 908—912 (Abst., *Eng. Min. Journ.*, LXXXIV, 919).

—2. 1908. The mode of occurrence of Manganite in the Manganese-Ore deposits of the Sandur State, Bellary, Madras, India. *Trans. Manch. Geol. Soc.*, XXX, 307—313; *Trans. Inst. Min. Eng.*, XXXV, 685—691.

—3. 1910. Manganese-Ore Deposits of the Sandur State. *Trans. Min. Geol. Inst. Ind.* IV, 155—294 (Review, *Nature*, LXXXIV, 406, L. H.; Abst., *Journ. I. S. Inst.*, LXXXII, 398).

NATIONAL ARCHIVES OF INDIA

Ghose, P. C.

653 . 1868. [Remarks on the Sundarban.] *Proc. A. S. B.*, 268—273.

Gibson, A.

654—1. 1838. A general sketch of the Province of Guzerat, from Deesa to Damaun. *Trans. Med. Phys. Soc. Bombay*, I, 1—77.

—2. 1842. Report on the Iron Ore found at Malwan, Southern Concan. *Journ. Bo. As. Soc.*, I, 142—144.

—3. 1852. [Notice of hot springs at the Lukkee Pass, in Scinde, and at Kal-Droog in the Northern Concan.] *Journ. Bo. As. Soc.*, IV, 149.

Gibson, J.

655 . 1879. On the Composition of "Reh," an Efflorescence on the Soil of certain Districts of India. *Proc. Roy. Soc. Edin.*, X, 277—280 (Abst., *Journ. Chem. Soc.*, XLII, 650, E. W. P.).

Gibson, T. S.

656 . 1915. Proposals for Shaft Bottom Arrangements and Methods of Working in Deep Seams. *Trans. Min. Geol. Inst. Ind.*, IX, 98—106.

Giffard, *Sir* H.

657 . 1827. On the Mineral Productions of the Tangalle District, Ceylon. *As. Journ.*, XXIII, 661—662 (Abst. from *Proc. Literary Soc., Colombo*, 17th Sept., 1826).

Gilchrist, P. C., *and* Riley, E.

658 . 1886. The Iron-making Resources of the British Colonies as illustrated at the Colonial and Indian Exhibition;—India. *Journ. I. S. Inst.*, XXVIII, 615—631.

Gilchrist, W.

659 . 1855. On the Origin and Formation of the Red Soil of Southern India. *Quart. Journ. Geol. Soc.*, XI, Pt. 1, 552—555.

Gill, W. J.

660 . 1878. Travels in Western China and on the Eastern Borders of Tibet. *Journ. R. Geogr. Soc.*, XLVIII, 57—172 (Abst., *Nature*, XVIII, 288—289).

NATIONAL ARCHIVES OF INDIA

Giraud, H.

661—1. 1843. A Chemical and Microscopic Examination of the Rock Salt of the Punjaub. *Journ. Bo. As. Soc.*, I, 303—308.

—2. 1849. An Account of Two Aërolites, and a Mass of Meteoric Iron, recently found in Western India. *Edin. N. Phil. Journ.*, XLVII, 53—57.

Giraud, H., *and* Haines, R.

662 . 1859. Analysis of the Mineral Springs and various Well and River Waters in the Bombay Presidency. *Trans. Med. Phys. Soc., Bombay*, N. S., V, 242—263.

Giraud, J.

663 . 1902. La formation des Atolls [Maldive Is.]. *La Géographie*, V, 462—466.

Glasfurd, J.

664 . 1839. Report on the progress made up to the 1st May, 1839, in opening the experimental Copper Mine in Kumaon. *Journ. A. S. B.*, VIII, 471—474.

Glass, J. H.

665 . 1896. The Great Landslip at Gohna in Garhwal, and the measures adopted to prevent serious loss of Life. *Journ. Soc. Arts*, XLIV, 431—446.

Glass, J. W.

666 . 1871. Manufacture of Hydraulic Cement used in the Second Barrier Works of the Upper Godavery Circle, Central Provinces. *Prof. Papers Ind. Eng.*, Ser. 2, I, 71—73.

Gmelin, C. G.

667—1. 1823. Analysis of a Black Mineral from Candy, in Ceylon, named Candite. *Edin. Phil. Journ.*, IX, 384—386 (*Abst., Ann. Chim. Phys.*, XXV, 208—209; *Ann. des Mines*, Ser. 1, X, 273—274).

—2. 1824. Analysis of Cinnamon-stone [Essonite] from Ceylon, *Edin. Phil. Journ.*, XI, 129—132 (Abst., *Ann. Philos.*, N. S., VIII, 310; *Ann. des Mines*, Ser. 1, X, 269).

—3. 1840. Chemische Untersuchung des Poonahlits und des Thulits. *Pogg. Ann.*, XLIX, 538—540 (Abst., *Phil. Mag.*, Ser. 3, XX, 443; *Ann. des Mines*, Ser. 3, XVII, 615—617).

NATIONAL ARCHIVES OF INDIA

Godley, J. A.

668 . 1888. [Letter forwarding specimens of Burmese Rubies attached to their matrix to the Geological Society of London.] *Quart. Journ. Geol. Soc.*, XLIV, *Proc.* 91; *Phil. Mag.*, Ser. 5, XXVI, 235.

Godwin-Austen, H. H.

669—1. 1859. On the Lacustrine or Karewah Deposits of Kashmere. *Quart. Journ. Geol. Soc.*, XV, Pt. I, 221—229 (Abst., *Geologist*, I, 358).

—2. 1859. Notes on the Valley of Kashmir. *Journ. R. Geogr. Soc.*, XXXI, 30—37.

—3. 1862. On the Glacier Phenomena of the Valley of the Upper Indus. *Rep. Brit. Assoc.*, XXXII, *Sections* 67 (*Abstract*).

—4. 1864. On the Glaciers of the Mustakh Range. *Journ. R. Geogr. Soc.*, XXXIV, 19—56 (Abst., *Proc. R. Geogr. Soc.*, VIII, 34—42).

—5. 1864. Geological Notes on part of the North-Western Himalayas; with Notes on the fossils by Messrs. T. Davidson, R. Etheridge, and S. P. Woodward. *Quart. Journ. Geol. Soc.*, XX, Pt. 1, 383—388; XXII, 34 (Abst., *Geol. Mag.*, Dec. 1, I, 42—43; *Phil. Mag.*, Ser. 4, XXVIII, 241; *Neu. Jahrb. f. Min.*, 1866, 114).

—6. 1865. On the carboniferous Rocks of the Valley of Kashmere; with notes on the Brachiopoda collected in Thibet and Kashmir, by T. Davidson, and an Introduction and résumé, by R. A. C. Godwin-Austen. *Quart. Journ. Geol. Soc.*, XXI, Pt. 1, 492—493; XXII, Pt. 1, 29—45 (Abst., *Geol. Mag.*, Dec. 1, II, 363—364; *Phil. Mag.*, Ser. 4, XXX, 381—382; *Journ. Sci.*, III, 284—285; *Neu. Jahrb. f. Min.*, 1866, 627—628).

—7. 1865. Notes on the Sandstone formation, etc., near Buxa Fort, Bhootan Dooars. *Journ. A. S. B.*, XXXIV, Pt. 2, 106—107 (Abst., *Proc. A. S. B.*, 1865, 90—91).

NATIONAL ARCHIVES OF INDIA

Godwin-Austen, H. H.—*contd.*

669—8. 1866. Notes on the Pangong Lake District of Ladakh, from a Journal made during a Survey in 1863. *Journ. R. Geogr. Soc.*, XXXVII, 343—363; *Journ. A. S. B.*, XXVII, Pt. 2, 84—117; *Sel. Rec. Govt. Ind.*, LXXI, 1—24 (Abst., *Proc. R. Geogr. Soc.*, XI, 32—33; *Rep. Brit. Assoc.*, XXXVI, *Sections*, 100; *Zeits. Ges. f. Erdk.*, II, 193; *Peterm. Mitth.*, XIII, 348).

—9. 1866. Corrigenda to the Abstract of Paper "Geological Notes on part of the North-Western Himalayas" in Quart. Journ. Geol. Soc., XX, 383—387. *Quart. Journ. Geol. Soc.*, XXII, Pt. 1, 34—35.

—10. 1868. Notes on Geological features of the country near foot of hills in the Western Bhootan Dooars. *Journ. A. S. B.*, XXXVII., Pt. 2, 117—123.

—11. 1869. Extract from narrative report of Capt. H. H. Godwin-Austen, in charge of No. 6, Topographical Party, Cossyah and Garrow Hills Survey. *Sel. Rec. Govt. India*, LXXI, 140—147.

—12. 1869. Memorandum as to Geology of Jaintia Hills and as to the distribution of Tribes. *Sel. Rec. Govt. India*, LXXIV, 69—73.

—13. 1869. Notes to accompany a Geological Map of a portion of the Khasi Hills near Longitude 91° E. *Journ. A. S. B.*, XXXVIII, Pt. 2, 1—27.

—14. 1869. Notes on the Geology and Physical features of the Jaintia Hills. *Journ. A. S. B.*, XXXVIII, Pt. 2, 151—156 (Abst., *Proc. A. S. B.*, 1869, 64—65).

—15. 1869. Notes from Assaloo, North Cachar, on the Great Earthquake of January 10th, 1869. *Proc. A. S. B.*, 91—103.

—16. 1869. On an Earthquake in the Cachar Hills, 10th January 1869. *Proc. R. Geogr. Soc.*, XIII, 370—372.

—17. 1872. On the Garo Hills. *Journ. R. Geogr. Soc.*, XLIII, 1—46 (Abst., *Proc. R. Geogr. Soc.*, XVII, 36—42).

NATIONAL ARCHIVES OF INDIA

Godwin-Austen, H. H.—*contd.*

669—18. 1874. [Geology of parts of the Naga Hills and Manipur.] *Rep. Surv. Gen. India*, 1872—73, 79—84.

—19. 1875. Notes on the Geology of part of the Dafla Hills, Assam. *Journ. A. S. B.*, XLIV, Pt. 2, 35—41 (Abst., *Proc. A. S. B.*, 1875, 139—140).

—20. 1875. The evidence of past Glacial Action in the Naga Hills, Assam. *Journ. A. S. B.*, XLIV, Pt. 2, 209—213 (Abst., *Proc. A. S. B.*, 1875, 185).

—21. 1875. [Exhibition of a Stone Celt found at Shillong, Khasi Hills.] *Proc. A. S. B.*, 158.

—22. 1877. [Remarks on Himalayan Glaciation.] *Proc. A. S. B.*, 4.

—23. 1877. On the Lower Course of the Brahmaputra or Tsanpo. *Rep. Brit. Assoc.*, XLVII, *Sections*, 144 (*Abstract*).

—24. 1880. On the Post-Tertiary and more recent deposits of Kashmir and the Upper Indus Valley. *Rep. Brit. Assoc.*, L, 589; *Nature*, XXII, 450 (*Abstracts*).

—25. 1883. [Orography of the Himalaya.] Presidential Address, British Association, Section E. *Rep. Brit. Assoc.*, LIII, 576-589; *Nature*, XXVIII, 552-558; *Proc. R. Geogr. Soc.*, N. S., V, 610—625.

—26. 1884. The Mountain Systems of the Himalaya and neighbouring Ranges of India. *Proc. R. Geogr. Soc.*, N. S., VI, 83—87.

—27. 1885. On a Trip from Upper Assam into the Kampti Country and the Western Branch of the Irrawaddy river made by Col. R. G. Woodthorpe, R.E., and Major C. R. MacGregor. *Rep. Brit. Assoc.*, LV, 1126.

—28. 1893. Th Nomenclature of the Karakoram Peaks. *Geogr. Journ.*, I, 177, 368—370.

—29. 1894. Peak K_2 (Godwin-Austen). *Geogr. Journ.*, II, 431—432.

NATIONAL ARCHIVES OF INDIA

Godwin-Austen, H. H.—*concld.*

669—30. 1894. The late Mr. F. Drew's identification and sketch of K_2. *Alp. Journ.*, XVII, 128—131.

—31. 1894. On Bhutan and the Himalayas east of Darjeeling. *Scot. Geogr. Mag.* X, 635—640.

—32. 1896. The Barisal Guns and Similar Sounds. *Nature*, LIII, 247—248.

—33. 1903. The Survey of the Mustagh Range. *Geogr. Journ.*, XXII, 707—708.

—34. 1910. Explorations in the Glacier Tributaries of the Shayok River, Kashmir Territory. *Nature*, LXXXIII, 81—82.

————, *see* **Davidson, T., 431**—2,—3,—4.

————, *see* **Etheridge, R., 550.**

Godwin-Austen, R. A. C., *see* **Godwin-Austen, H. H., 669**—6.

Goldfuss, G. A.

670 . 1845. Ueber die Entdeckungen von fossilen Thieren, welche Falconer und Cautley vor zwei Jahren in den tertiären Schichten der Siwalik-Kette in Indien gemacht haben. *Sitz. Niederrhein. Ges. f. Natur und Heil-Kunde zu Bonn.* 4th December 1845 (Abst., *Neu. Jahrb. f. Min.*, 1848, 749).

Goldschmidt, V., *and* **Preiswerk, H.**

671 . 1900. Chrysoberyllzwilling von Ceylon. *Zeits. f. Kryst.*, XXXIII, 455—467.

Goldschmidt, V., *and* **Schroeder, R.**

672 . 1910. Ueber Korund. *Tscherm. Mitth.*, XXIX, 461—488.

Goldsmid, *Sir* **F. J.**

673—1. 1863. Diary of Proceedings of the Mission into Mekran for Political and Survey Purposes, from the 12th to the 19th December, 1861. *Journ. R. Geogr. Soc.*, XXXIII, 181—213 (Abst. *Proc. R. Geogr. Soc.*, VII, 91—95).

NATIONAL ARCHIVES OF INDIA

Goldsmid, *Sir* F. J.—*contd.*

673—2. 1873. Journey from Bandar Abbas to Mash-had by Sistan, with some Account of the last-named Province. *Journ. R. Geogr. Soc.*, XLIII, 65—83 (Abst., *Proc. R. Geogr. Soc.*, XVII, 86—92).

—3. 1876. Eastern Persia; an account of the Journeys of the Persian Boundary Commission, 1870—71—72. 8°, 2 Vols., London (Review, *Nature*, XIV, 345—346).

—4. 1897. [Sand dunes in Afghanistan.] *Geogr. Journ.*, IX, 454—455.

Goodridge, J. P.

674 . 1897. British Iron Industries and Indian Ores. *The Times*, April 27, 12 (Abst., *Journ. I. S. Inst.*, LI, 339).

Gopalakristnamah Chetty, N.

675 . 1886. A Manual of the Kurnool District in the Presidency of Madras. 8°, 321 pp., Madras (Geology and Minerals, Chaps. V and VI).

Gordon, A.

676 . 1854. Notes on the Topography of Murree. *Journ. A. S. B.*, XXIII, 461—469.

Gordon, R.

677—1 1879. Report on the Irrawaddy River. Pt. I.—Hydrography. Pt. II.—Hydrology. Pt. III.—Hydraulics. Pt. IV.—Hydraulic Works connected with the Mawoon River. Fol., Rangoon.

—2. 1882. The Irawadi and the Sanpo. *Proc. R. Geogr. Soc.*, N. S., IV, 559—563.

—3. 1885. The Irawadi River. *Proc. R. Geogr. Soc.*, N. S., VII, 292—325.

—4. 1888. On the Ruby Mines near Mogok, Burma. *Proc. R. Geogr. Soc.*, N. S., X, 261—275.

—5. 1889. The Ruby Mines of Burma. *As. Quart. Rev.*, VII, 410—423 (Abst., *Min. Journ.*, LIX, 475).

NATIONAL ARCHIVES OF INDIA

Gordon, R.—*contd.*

677—6. 1893. Hydraulic Work in the Irawadi Delta. *Proc. Inst. C. Eng.*, CXIII, 276—313.

————, *see* **Walker, J. T., 1871**—13.

Gordon, T. E.

678—1. 1875. The Watershed of Central Asia. *Journ. R. Geogr. Soc.*, XLVI, 381—396.

—2. 1875. Visit to the Thian-Shan Plateau, the Chádirkúl Lake, and the Chakmák Forts. FORSYTH'S *Mission to Yarkund*, Chap. IV, 214—216.

—3. 1875. Sirikol, the Pámirs and Wakhán. FORSYTH'S *Mission to Yarkund*, Chap. VI, 222—232.

Gore, J. E.

679 . 1873. Note on a Bed of Fossiliferous "Kunkur" in the Punjab. *Journ. R. Geol. Soc. Ireland*, IV, 9—10.

Gore, St. George C.

680 . 1879. On the Pishin Valley. *Rep. Brit. Assoc.*, XLIX, 446 (*Abstract*).

————, *see* **Wood, H., 1956.**

Goresix, ————

681 . 1885. Lettre sur l'Itacolumite. *Bull. Soc. Géol. France*, Ser. 3, XIII, 272.

Gorresio, G.

682 . 1830. I climi e le condizioni naturali dell' India. *Atti R. Accad. Sci. Torino*, XV, 419—427.

Gorup Besanez, E. F. *von*

683 . 1856. Soda aus Ostindien und Magnesit von Madras. *Wöhler's Ann. d. Chem.*, LXXXIX, 219 (Abst., *Neu. Jahrb. f. Min.*, 1856, 42—43, 182).

Govan, G.

684—1. 1825. On the Natural History and Physical Geography of the Districts of the Himalayah Mountains between the River-Beds of the Jumna and Sutlej. *Edin. Journ. Sci.*, II, 17—38.

NATIONAL ARCHIVES OF INDIA

Govan, G.—*contd.*

684—2. 1825. Additional Observations on the Natural History and Physical Geography of the Himalayah Mountains between the River-Beds of the Jumna and Sutlej. *Edin. Journ. Sci.*, II, 277—287.

—3. 1828. [Notes on the Geology of the Himalayan districts.] *As. Journ.*, XXVI, 465, 593—594.

—4. 1829. On the Geology and Mineralogy of the tract between Simla and Takho. *As. Journ.*, XXVIII, 69—70.

Gowland, W.

685 . 1893. Note on Native Copper from Yunnan. *Chem. News*, LXVIII, 307 (Abst., *Journ. Chem. Soc.*, LXVI, Pt. 2, 98, D. A. L.).

Grablowitz, G.

686 . 1898. Rettifica alla relazione dell' osservatorio geodinamico di Casaricciola (Ischia) sul terremoto dell' India del 12 giugno 1897. *Boll. Soc. Sism. Ital.*, IV, Pt. 1, 167—168.

———, *see* **Agamennone, G., 13—5.**

Graham, W. W.

687—1. 1884. Mountaineering in Sikhim. *Alp. Journ.*, XI, 402—407.

—2. 1884. Travel and Ascents in the Himalaya. *Alp. Journ.* XII, 25—52; *Proc. R. Geogr. Soc.*, N. S., VI, 429—447.

Grahame Young, ————

688 . 1886. Reports on auriferous deposits in Wazeeri-Rupi, Kulu. *Kulu Min.*, 9—11.

Grange, E. R.

689 . 1839. Extracts from the Narrative of an Expedition into the Naga territory of Assam. *Journ. A. S. B.*, VIII, 445—470; IX, 947—966.

Grant, *Sir* C.

690 . 1870. The Gazetteer of the Central Provinces of India. 8°, clvii+582 pp., Nagpur.

NATIONAL ARCHIVES OF INDIA

Grant, C. W.

691—1. 1834. Progress of the Boring for Coal at Jamutra in Cutch. *Journ. A. S. B.*, III, 40—42.

—2. 1835. Report on a boring for Coal at Doojapoor in Cutch. *As. Journ.*, N. S., XVI, Pt. 2, 166—167.

—3. 1837. Memoir to illustrate a Geological Map of Cutch. *Geol. Trans.*, Ser. 2, V, 289—329; *Mad. Journ. Lit. Sci.*, XII, 309—371; *Western India*, 403—460 (Abst., *Proc. Geol. Soc.*, II, 525—528; *Bull. Soc. Géol. France*, Ser. 1, IX, 21; *Jahrb. f. Min.*, 1841, 802—805; *Phil. Mag.*, Ser. 3, XI, 107—110; *Mad. Journ. Lit. Sci.*, VII, 259—263).

Grant, F. T.

692—1. 1832. Mode of extracting the Gold Dust from the Sand of the Ningthee River, on the frontier of Manipur. *Journ. A. S. B.*, I, 148—149.

—2. 1834. Extracts from a Journal kept .... during a Tour of Inspection on the Manipur Frontier, along the course of the Ningthee River. *Journ. A. S. B.*, III, 124—134.

Grant, J. H.

693 . 1883. The Daltonganj Coal-field. *Trans. N. E. Inst. Min. Eng.*, XXXII, 149—154.

Grant, N. P.

694 . 1839. Journal of a Route through the Western Parts of Makran, performed in 1809. *Journ. R. As. Soc.*, V, 328—340.

Grattarola, G.

695 1879. Beccarite, Varietà di Zircone di Ceylon. *Atti. Soc. Tosc. Sci., Nat.*, IV, 177—180 (Abst. *Zeits. f. Kryst.*, IV, 398, A. Arzuni).

Gravely, F. H., *see* **Annandale, N., 33.**

Graves, H. G.

696 . 1912. Further Notes on the Early Use of Iron in India. *Journ. I. S. Inst.*, LXXXV, 187—202.

NATIONAL ARCHIVES OF INDIA

Gray, J. E.

697 . 1871. Notice of a Fossil Hydraspide (*Testudo Leithii*, Carter) from Bombay. *Ann. Mag. Nat. Hist.*, Ser. 4, VIII, 339—340.

———, *see* **Crick, G. C., 388—1.**

Gray, O. W.

698 . 1838. [Discovery of Fossil Remains near Hingolee.] *Mad. Journ. Lit. Sci.*, VII, 477—478.

Greenough, G. B.

699—1. 1854. General sketch of the Physical and Geological features of British India [Geological Map]. London (Notice, *Neu. Jahrb. f. Min.*, 1855, 733, 855—856; *Peterm Mitth.*, I, 23—27).

—2. 1854. On the Geology of India. *Rep. Brit. Assoc.*, XXIV, 83—85 (Abst., *Athemæum*, Oct. 14, 1854, 1242; *C. R. Ac. Sci.*, XL, 347—382, E. de Beaumont; *Bull. Soc. Géol. France*, Ser. 5, XII, 433—439; *Ann. des Mines*, Ser. 5, VI, 577—586).

—3. 1854. Presentation d'un exemplaire de sa carte physique et géologique de l'Inde anglaise. *C. R. Ac. Sci.*, XXXIX, 796; *Bibl. Univ.*, Ser. 4, XXVII, 339—340.

Greenough's Map of India

700—1. 1856. Report of a Committee appointed to consider Prof. Greenough's Geological Map of India. *Journ. A. S. B.*, XXV, 419—426.

—2. 1857. Correspondence on the subject of the Geological Map of India compiled by Prof. Greenough. 8°, Madras.

Greenwell, Allan, *see* **Ashton, *Sir* R. P., 46.**

Greenwell, G. H.

701 . 1913. The Jherria Coal-field (India) and its future Development. *Trans. N. E. Inst. Min. Eng.*, LXII, 144—161, 230—232; *Trans. Inst. Min. Eng.*, XLV, 88—105, 346—348 (Abst., *Coll. Guard.*, CV, 333—334).

NATIONAL ARCHIVES OF INDIA

Greenwood, G.

702 . 1874. The Upper Indus Basin. *Geol. Mag.*, Dec. 2, I, 45.

Gregor, Rev. W.

703 . 1803. Analysis of a Variety of the Corundum [from Thibet]. *Nich. Journ.*, IV, 209—214.

Gregory, J. W.

704—1. 1893. The Echinoidea of Cutch. *Pal. Indica*, Ser. IX, II, Pt. 1, 1—12 (Abst., *Neu. Jahrb. f. Min.*, 1895, I, *Ref.* 539, Th. Ebert).

—2. 1900. Jurassic Fauna of Cutch.—The Corals. *Pal. Indica*, Ser. IX, II, Pt. 2, 1—196 (Abst., *Ann. Mag. Nat. Hist.*, Ser. 7, X, 170—172; *Revue Pal.*, VI, 150—155; *Geol. Centralbl.*, I, 26—27, A. von Krafft).

—3. 1906. The Problem of the Palæozoic Glaciations of Australia and South Africa. *Rep. Brit. Assoc.*, LXXVI, 576—577; *Nature*, LXXIV, 549.

—4. 1909. The Morphology of Asia. *Nature*, LXXX, 91—92.

—5. 1915. On Suess' Classification of Eurasian Mountains. *Geogr. Journ.*, XLV, 497—513.

Gregory, W.

705 . 1834. On the Composition of the Petroleum of Rangoon with remarks on Petroleum and Naphtha in General. *Edinb., Trans.*, XIII, 124—130 (Abst., *Proc. Roy. Soc. Edinb.*, I, 77—78; *Journ. A. S. B.*, IV, 527—528; *Journ. de Pharm.*, XXI, 536—541; *Journ. f. prakt. Chem.*, IV, 1; *Neu. Jahrb. f. Min.*, 1836, 383—384).

Greville, C.

706—1. 1798. On the Corundum Stone from Asia. *Phil. Trans.*, LXXXVIII, 403—448; *Abridg.*, XVIII, 356—378.

—2. 1803. An Account of some Stones said to have fallen on the Earth in France; and of a Lump of native Iron, said to have fallen in India. *Phil. Trans.*, XCIII, 200—204; *Proc. Roy. Soc.*, I, 109—110 (*Quotes extract from the Memoirs of the Emperor Jehangir, recording the fall of a meteorite near Jullundur in 1620*).

NATIONAL ARCHIVES OF INDIA

Gribble, J. D. B.

707—1. 1875. A Manual of the District of Cuddapah in the Presidency of Madras. 8°, 369 pp., Madras. (Chap. II, Geological, by Dr. W. King.)

—2. 1876. The Hill Ranges of the Cuddapah District. SHORTT'S *Hill Ranges of S. India*, Pt. 5, 39—53.

Griesbach, C. L.

708—1. 1880. Geology of the Ramkola and Tatapani Coal-fields. *Mem. G. S. I.*, XV, 129—192.

—2. 1880. Geological Notes. *Rec. G. S. I.*, XIII, 83—93.

—3. 1880. Palæontological Notes on the Lower Trias of the Himalayas. *Rec. G. S. I.*, XIII, 94—113 (Abst., *Neu. Jahrb. f. Min.*, 1882, I, *Ref.* 96—100, W. Waagen).

—4. 1881. Report on the Geology of the Section between the Bolan Pass in Baluchistan and Girishk in Southern Afghanistan. *Mem. G. S. I.*, XVIII, 1—60 (Abst., *Verh. k. k. Geol. Reichsanst.*, 1881, 307—308, E. Tietze).

—5. 1881. Appendix to "Palæontological notes on the Lower Trias of the Himalayas." *Rec. G. S. I.*, XIV, 154—155.

—6. 1881. Geologische Aufnahmen im Himalaya. *Mitth. k. k. Geogr. Ges.*, XXIV, 439—440.

—7. 1882. Geologische Skizzen aus Indien. *Verh. k. k. Geol. Reichsanst.*, 116—122.

—8. 1884. Report on the Geology of the Takht-i-Suleman. *Rec. G. S. I.*, XVII, 175—190 (Abst., *Peterm. Mitth.*, XXXI, 72, Supan).

—9. 1885. Afghan Field-notes. *Rec. G. S. I.*, XVIII, 57—64.

—10. 1885. Notes on the Geology of Afghanistan. *Nature*, XXXI, 281—282.

—11. 1885. Geologische Notizen aus Afghanistan. *Verh. k. k. Geol. Reichsanst.*, 314—315 (Abst., *Geol. Mag.*, Dec. 3, III, 121—122).

NATIONAL ARCHIVES OF INDIA

Griesbach, C. L.—*contd.*

708—12. 1886. Afghan and Persian Field notes. *Rec. G. S. I.*, XIX, 48—65.

—13. 1886. Field Notes from Afghanistan: (No. 3),—Turkistan. *Rec. G. S. I.*, XIX, 235—267.

—14. 1886. Mittheilung aus Afghanistan. *Verh. k. h. Geol. Reichsanst.*, 122—123.

—15. 1887. Field Notes from Afghanistan: (No. 4)—from Turkistan to India. *Rec. G. S. I.*, XX, 17—26.

—16. 1887. Field-notes: No. 5—to accompany a Geological Sketch Map of Afghanistan and North-Eastern Khorasan. *Rec. G. S. I.*, XX, 93—103 (Abst., *Ann. Géol. Univ.*, III, Pt. 1, 598—607, E. de Margerie).

—17. 1887. Notice of J. B. Mushketoff's Geology of Russian Turkistan. *Compiled from translation and notes from Professor F. Tovla of Vienna. Rec. G. S. I.*, XX, 123—128.

—18. 1887. [Recent Glacial Action in the Hindu Kúsh.] *Nature*, XXXV, 594.

—19. 1889. Geological Notes.—The Sequence of Formations in Spiti. *Rec. G. S. I.*, XXII, 158—167 (Abst., *Ann. Géol. Univ.*, VI, 587—588, E. de M.).

—20. 1891. Geology of the Central Himalayas. *Mem. G. S. I.* XXIII, 1—232+i—xix (Review, *Geol. Mag.*, Dec. 3, IX, 268—271; *Nature*, XLV, 308—310; *Nat. Sci.*, I, 442—447, H. B. Woodward; *Peterm. Mitth.*, XXXVIII, *Litt.* 161—162, Supan; *Ann. Géol. Univ.*, VIII, 551—561, G. Ramond).

—21. 1892. The Geology of the Saféd Kôh. *Rec. G. S. I.*, XXV, 59—109 (Abst., *Ann. Géol. Univ.*, IX, 565—569, G. Ramond).

—22. 1892. Geological sketch of the country north of Bhamo. *Rec. G. S. I.*, XXV, 127—130 (Abst., *Ann. Géol. Univ.*, IX, 579—580, G. Ramond).

NATIONAL ARCHIVES OF INDIA

Griesbach, C. L.—*contd.*

708—23. 1892. Schreiben aus Milam (Kumaon) ..... den "Lias" von Pera Gadh und Kalapani betreffend. *Anz. k. Akad. Wiss.*, XXIX, 174—175.

—24. 1893. Notes on the Central Himalayas. *Rec. G. S. I.*, XXVI, 19—25 (Abst., *Neu. Jahrb. f. Min.*, 1897, I, *Ref.* 314—315, K. Futterer; *Peterm. Mitth.*, XXXIX, *Litt.* 103—104, Supan; *Ann. Géol. Univ.*, X, 657—658, G. Ramond).

—25. 1893. Notes on the earthquake in Baluchistan on the 20th December 1892. *Rec. G. S. I.*, XXVI, 57—61 (Abst., *Nature*, XLVIII, 348—349; *Neu. Jahrb. f. Min.*, 1897, I, *Ref.* 461, K. Futterer).

—26. 1893. On the Geology of the Country between the Chappar Rift and Harnai in Baluchistan. *Rec. G. S. I.*, XXVI, 113—147 (Abst., *Neu. Jahrb. f. Min.*, 1897, I, *Ref.* 313—314, K. Futterer; *Ann. Géol. Univ.*, X, 655—657, G. Ramond).

—27. 1895. Annual Report of the Geological Survey of India and of the Geological Museum, Calcutta, for 1894. *Rec. G. S. I.*, XXVIII, 1—11.

—28. 1895. Notes from the Geological Survey of India. *Rec. G. S. I.*, 87—89, 117—119, 152.

—29. 1896. Annual Report of the Geological Survey of India and of the Geological Museum, Calcutta, for 1895. *Rec. G. S. I.*, XXIX, 1—11.

—30. 1896. Notes from the Geological Survey of India. *Rec. G. S. I.*, XXIX, 60—62.

—31. 1899. General report on the work carried on by the Geological Survey of India, 1898—1899. 8°, 92 pp., Calcutta.

—32. 1900. General report on the work carried on by the Geological Survey of India, 1899—1900. 8°, 258 pp., Calcutta.

—33. 1901. General Report on the work carried on by the Geological Survey of India, 1900—1901. 8°, 35 pp., Calcutta.

NATIONAL ARCHIVES OF INDIA

Griesbach, C. L.—*concld.*

708—34. 1902. General report on the work carried on by the Geological Survey of India, 1901—1902. 8°, 36 pp., Calcutta.

—35. 1903. On the Exotic Blocks of the Himalayas. *Comptes Rendus, IX Congrès géol. internat. de Vienne,* 547—552 (Abst., *Geol. Mag.*, Dec. 5, I, 519—520; *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 417, Noetling; *Geol. Centralbl.*, VI, 89—90, C. Gagel).

———, *see* **Diener, C., 486—31.**

———, *see* **Tietze, E., 1786—2.**

Griffith, W.

709—1. 1837. Journal of a visit to the Mishmee Hills in Assam. *Journ. A. S. B.*, VI, 325—341; *As. Journ.*, XXV, Pt. 1, 233—244.

—2. 1839. Journal of a Mission which visited Bhootan, in 1837—38, under Captain R. Boileau Pemberton. *Journ. A. S. B.*, VIII, 208—241, 251—291; *also* 8°, 186 pp., Calcutta, 1865 (Abst., *As. Journ.*, N. S., XXXI, Pt. 1, 81—94; *Ann. Mag. Nat. Hist.*, Ser. 1, IV, 424—429: V, 119—125, 205—211, 405—409).

—3. 1841. Extracts from a Report on subjects connected with Afghanistan. *Journ. A. S. B.*, X, 797—815, 977—1037.

—4. 1847. Journals of Travels in Assam, Burma, Bootan, Afghanistan and the neighbouring countries. Arranged by John McClelland, F.L.S. 8°, 529 pp., Calcutta.

Grigg, H. B.

710 . 1880. A Manual of the Nílagiri District in the Madras Presidency. 8°, 578+cxxvii pp., Madras. Chap. V, Geology and Mineralogy.

Grillières, G.

711 . 1905. Voyage au Yun-nan et au Thibet oriental. *La Géographie,* XI, 285—292.

Grimes, G. E.

712 . 1898. Geology of parts of the Myingyan, Magwe and Pakokku Districts, Burma. *Mem. G. S. I.*, XXVIII, 30—71.

NATIONAL ARCHIVES OF INDIA

Grinlinton, J. L.

713—1. 1912. Notes on the Poting Glacier, Kumaon Himalaya, June 1911. *Rec. G. S. I.*, XLII, 102—126.

—2. 1914. Notes on some Glaciers of the Dhauli and Lissar Valleys, Kumaon Himalaya, September 1912. *Rec. G. S. I.*, XLIV, 280—335.

Grisebach, A. H. R.

714 . 1849. Thomson's Bemerkungen über einem Salz—See am oberen Indus. *Neu. Jahrb. f. Min.*, 79.

Gröber, P.

715 . 1910. Beitrag zur Frage des oberkarbonischen Alters des *Productus-Kalkes* der Salt-Range. *Verh. k. k. Geol. Reichsanst.*, 307—311.

Grote, A.

716 . 1858. [Note on Fossils from Kohat.] *Journ. A. S. B.*, XXVII, 77—78.

Grover, F.

717 . 1903. Report on Seebpore Coal. *Journ. Soc. Arts*, LI, 815—816.

Grundy, J.

718—1. 1895. Coal-Mining in India. *Coll. Guard.*, LXIX, 305—307.

—2. 1902. On Indian Mines and Mining People. *Trans. Manch. Geol. Soc.*, XXVII, 330—356.

—3. 1902. Summary of Statistics of Mineral Production in India from 1892 to 1901. *Trans. Manch. Geol. Soc.*, XXVIII, 11—15.

—4. 1903. [On working a thick Coal-seam in India.] *Trans. N. E. Inst. Min. Eng.*, LII, 401—403; *Trans. Inst. Min. Eng.*, XXV, 399—400.

Grünhut, L.

719 . 1884. Der Bau der indischen Saltrange. *Peterm. Mitth.*, XXX, 139—142.

NATIONAL ARCHIVES OF INDIA

Grünling, Fr.

720 . 1900. Ueber die Mineral-vorkommen von Ceylon. *Zeits. f. Kryst.*, XXXIII, 209—239 (Abst., *Mineral. Mag.*, XIII, 93—94; *Trans. N. E. Inst. Min. Eng.*, XLIX, *App.* 53—54, L. L. B.; *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 191—195, K. Busz).

———, *see* **Miers, H. A., 1223.**

Gubbins, C.

721 . 1838. Mode of Manufacture of the Salumba salt of Upper India. *Journ. A. S. B.*, VII, 363—364.

Guillarmod, J. Jacot.

722—1. 1903. Un record dans l'Himalaya. *Jahrb. Schw. Alpenclub*, XXXVIII, 212—227.

—2. 1904. Six Mois dans l'Himalaya, le Kara-Korum, et l'Hindu-Kush; voyages et explorations aux plus hautes montagnes du monde. 8°, 363 pp., Neuchatel (Review, *Scot. Geogr. Mag.*, XX, 584—589; *La Géographie*, IX, 374—376, C. Rabot; *Zeits. Ges. f. Erdk.*, XL, 45, E. Tiessen).

—3. 1906. Vers le Kangchinjinga (8585 m.), Himalaya Nepalais. *Jahrb. Schw. Alpenclub*, XLI, 190—205.

Gulston, E.

723—1. 1763. An account of an earthquake at Chattigaon [2nd April 1762]. Translated from the Persian. *Phil. Trans.* LIII, 251—256; *Abridg.*, XII, 12.

—2. 1763. [Report on an earthquake at Chittigong, April 2, 1762.] *Phil. Trans.*, LIII, 263—264; *Abridg.*, XII, 13.

Gümbel, C. W.

724 . 1865. Über das Vorkommen von unteren Trias-schichten in Hochasien. *Sitz. k. — bayer. Akad. Wiss.* II, 348—366.

Gunther, A.

725 . 1881. Note on a Fish-palate from the Siwaliks. *Rec. G. S. I.*, XIV, 240.

NATIONAL ARCHIVES OF INDIA

Gupta, G. N.

726 . 1908. A Survey of the Industries and Resources of Eastern Bengal and Assam. Fol., 120 pp., Shillong (Abst., *Journ. Soc. Arts*, LVI, 304).

Gurling, S.

727 . 1847. [Note on Coal from the Island of Junk Ceylon.] *Journ. A. S. B.*, XVI, 718—719.

Gutzlaff, Ch.

728—1. 1848. Frontiers of China towards Birmah. *Journ. R. Geogr. Soc.*, XIX, 42—48.

—2. 1849. Tibet and Sefan. *Journ. R. Geogr. Soc.*, XX, 191—227.

Guyardet, A., *see* **Desmazures, Th., 477.**

Gygax, R.

729 . 1847. On the Mineralogy of Ceylon. *Journ. Ceyl. As. Soc.*, I, No. 3, 1—5.

H

Hacket, C. A.

730—1. 1870. Geology of Gwalior and vicinity. *Rec. G. S. I.*, III, 33—42 (Abst., *Geol. Mag.*, Dec. 1, VII, 427—428).

—2. 1877. Note on the Arvali Series in North-Eastern Rajputana. *Rec. G. S. I.*, X, 84—92.

—3. 1880. Salt in Rajputana. *Rec. G. S. I.*, XIII, 197—206.

—4. 1880. Useful Minerals of the Arvali Region. *Rec. G. S. I.*, XIII, 243—250 (Abst., *Journ. I. S. Inst.*, XV, 771).

—5. 1881. On the Geology of the Arvali Region, Central and Eastern, *Rec. G. S. I.*, XIV, 279—303.

———, *see* **Theobald, W., 1763—17.**

Hackney, W.

731 . 1880. Report on the Iron Ore and Coal from the Chanda District of the Central Provinces of India. *Prof. Papers Ind. Eng.*, Ser. 2, IX, 185—221.

NATIONAL ARCHIVES OF INDIA

Hadfield, *Sir* **R.**

732 . 1911. On Sinhalese Iron and Steel of Ancient Origin. *Proc. Roy. Soc.*, LXXXVI—A, 94—100; *Journ. I. S. Inst.*, LXXXV, 134—186.

Haidinger, W. *Ritter von*

733—1. 1860. Der Meteorit von Shalka in Bancoorah and der Piddingtonit. *Sitz. k. Akad. Wiss.*, XLI, 251—260 (Abst. *Quart. Journ. Geol. Soc.*, XVII, Pt. 2, 8—9).

—2. 1860. Die Calcutta-Meteoriten von Shalka, Futtehpore, Pegu, Assam und Segowlee im k. k. Hof-Mineralien-Cabinete. *Sitz. k. Akad. Wiss.*, XLI, 745—758; *Journ. A. S. B.*, XXX, 129—138 (Abst., *Amer. Journ. Sci.* Ser. 2, XXXII, 141—144).

—3. 1860. [Notes on some Indian Meteorites.—Piddingtonite in the Shalka Meteorite.] *Journ. A. S. B.*, XXIX, 416—418.

—4. 1860. Die Meteoritenfälle von Quenggouk bei Bassein in Pegu und Dharmsala im Punjab. *Sitz. k. Akad. Wiss.*, XLII, 301—306.

—5. 1861. Der Meteorsteinfall von Parnallee bei Madura in Hindustan. *Sitz. k. Akad. Wiss.*, XLIII, Abth. 2, 307—309.

—6. 1861. Der Meteorit von Yatoor bei Nellore in Hindustan. *Sitz. k. Akad. Wiss.*, XLIV, Abth. 2, 73—74 (Abst., *Neu. Jahrb. f. Min.*, 1862, 597).

—7. 1861. Der Meteorit von Parnallee bei Madura im k. k. Hof-Mineralien-Cabinete. *Sitz. k. Akad. Wiss.*, XLIV, Abth. 2, 117—120 (Abst., *Neu. Jahrb. f. Min.*, 1862, 490).

—8. 1861. Der Meteorit von Dharmsala im k. k. Hof-Mineralien-Cabinet, ein Geschenk von dem. kön-grossbritannischen Vicekönig und Generalgouverneur von Indien Lord Viscount Canning. *Sitz. k. Akad. Wiss.*, XLIV, Abth. 2, 285—288.

NATIONAL ARCHIVES OF INDIA

Haidinger, W.—*contd.*

733—9. 1861. Das Meteor von Quenggouk in Pegu, und die Ergibnisse des Falles daselbst am 27 December 1857. *Sitz. k. Akad. Wiss.*, XLIV, Abth. 2, 637—642.

—10. 1862. Der Meteorsteinfall in Gorakpur-Districte in Ober-Bengalen, am 12 Mai 1861. *Sitz. k. Akad. Wiss.*, XLV, Abth. 2, 665—671.

—11. 1862. Das Eisen von Kurrukpur nicht meteorischen Ursprungs. *Sitz. k. Akad. Wiss.*, XLV, Abth 2, 672—674.

—12. 1863. Der Meteorsteinfall von Parnallee bei Madura in Ostindien. *Sitz. k. Akad. Wiss.*, XLVII, Abth. 2, 420—426.

—13. 1863. Der Fall eines Meteoriten bei Dacca in Bengalen am 11 August 1863. *Sitz. k. Akad. Wiss.*, XLVIII, Abth. 2, 595—600; *Pogg. Ann*, CXX, 659—660 (Abst., *Neu. Jahrb. f. Min.*, 1864, 237).

—14. 1864. Der Meteorstein von Manbhoom in Bengalen, im k. k. Hof-Mineraliencabinete aus dem Falle am 22. December 1863. *Sitz. k. Akad. Wiss.*, L. Abth. 2, 241—246.

—15. 1869. Hessle, Rutlam, Assam, drei neue Meteoriten. *Sitz. k. Akad. Wiss.*, LIX, Abth. 2, 224—230.

—16. 1869. Der Meteorit von Goalpara in Assam, nebst Bemerkungen über die Rotation der Meteoriten in ihren Zuge. *Sitz. k. Akad. Wiss.*, LIX, Abth. 2, 665—678 (Abst., *Anz. k. Akad. Wiss.*, VI, 81—82; *Verh. k. k. Geol. Reichsanst.*, 1869, 255—256).

Haig, ———

734 1871. [Coal near Dumagadlom, Madras Presidency.] *Nature*, III, 494.

Haig, H. de Haga

735 1895. The Physical Features and Geology of Mauritius. *Quart. Journ Geol. Soc.*, LI, 463—471 (Abst., *Geol. Mag.*, Dec. 4, II, 279; *Phil. Mag.*, Ser. 5, XL, 313).

NATIONAL ARCHIVES OF INDIA

Haines, R.

736—1. 1863. On a Natural Formation of Carbonate of Soda [near Aden]. *Pharm. Journ.*, Ser. 2, V, 26—27; *Geologist*, VI, 348.

—2. 1868. Report on samples of Coal from Australia, the Nerbudda Valley, and Nagpore. *Sel. Rec., Govt. India*, LXIV, 29—31 (Abst., *Min. Journ.* XXXI, 300).

———, *see* **Giraud, H., 662.**

Haines, S. B.

737 . 1854. A description of the Arabian Coast, commencing from the entrance of the Red Sea and continuing as far as Massenat. *Trans. Bo. Geogr. Soc.*, XI, 60—76.

Hale, A.

738 . 1885. On Mines and Miners in Kinta, Pêrak. *Journ. Str. As. Soc.*, XVI, 303—320.

Hall, W. T.

739 . 1889. Report on Tin-mining in Perak and in Burma. Fol., 26+xxxi pp., Rangoon.

Hallett, H. S.

740—1. 1882. The Sources of the Irawadi and the Sanpo. *Proc. R., Geogr. Soc.*, N. S., IV, 317—321.

—2. 1885. Exploration Survey for a Railway Connection between India, Siam and China. *Proc. R. Geogr. Soc.*, N. S., VIII, 1—20.

Hallifax, C. J.

741 . 1892. Monograph on the Pottery and Glass Industries of the Punjab. Fol., 28 pp., Lahore.

Halstead, E. P.

742 . 1841. Report on the Island of Cheedooba. 8°, 59 pp., Ca cutta; *Journ. A. S. B.*, X, 349—377, 419—446.

Halsted, C.

743 . 1871. Note on an Earthquake in Burmah, February 16, 1871. *Nature*, V, 7.

NATIONAL ARCHIVES OF INDIA

Hamilton, Alex.

744 . 1727. A New Account of the East Indies. 8°, 2 Vols., Edinburgh.

Hamilton, D.

745—1. 1862. Report on the Palni Mountains. 8°, 18 pp., Madras; Supplement, 8°, 46 pp., Madras, 1864.

—2. 1862. Report on the Shevaroy Hills. 8°, 31 pp., Madras.

—3. 1866. Report on the High Ranges of the Annamullay Mountains. 8°, 19 pp., Madras.

Hamilton, Francis, *see* **Buchanan-Hamilton, 222.**

Hamilton, G.

746 1799. A short description of Carnicobar. *As. Res.*, II, 337—344.

Hamilton, H. C.

747 1853. Notes on the Manufacture of Salt in the Tumlook Agency. *Sel. Rec. Beng. Govt.*, XIII, 1—43.

Hamilton, *Sir* R. N. C.

748—1. 1847. Report .... of a trip down the Nerbudda from Mundlaisir to Baroche, made by Lieutenant H. L. Evans. *Trans. Bo. Geogr. Soc.*, VIII, 119—144.

—2. 1849. Note on the transport of coal from the pits at Sonadeh to Bombay, by the Nerbudda. *Journ. A. S. B.*, XVIII, 594—600.

—3. 1856. Table of heights and distances along the proposed line of Railway from Surat to Agra. *Journ. A. S. B.*, XXV, 221.

Hamilton, Walter

749 . 1820. A Geographical, Statistical, and Historical Description of Hindostan, and the Adjacent Countries. 4°, 2 Vols., London.

Hamilton, W. J.

750 1847. Extract from Mr. Conybeare's Report on the Country between the Summit of the Malsej Ghaut and the Gungathuree, dated Bombay, Oct. 1846. *Quart. Journ. Geol. Soc.*, III, Pt. 1, 225—227.

NATIONAL ARCHIVES OF INDIA

Hammer, E.

751 1911. Wirkung des Himalaya-erdbebens von 1905 auf Höhenpunkte am Fusse des Gebirges. *Peterm. Mitth.*, LVII, Pt. 1, 80.

Hammer, M.

752 . 1912. Die Ergebnisse der Reise der armordeten Dr. Brunhuber und Schmitz zum oberen Salween. *Peterm. Mitth.*, LVIII, Pt. 1, 19—22, 79—81.

Hampton, J. H.

753—1. 1886. On Cassiterite of the Straits Settlements. *Mineral. Mag.*, VII, 71.

—2. 1891. Mining on the Malay Peninsula. *Min. Journ.*, LXI, 953.

Handcock, A. R. W.

754 . 1909. Volcanic Upheaval off the Coast of Burma. *Geogr. Journ.*, XXXIV, 690.

Hanemann, Fr.

755 . 1871. Das Quellegebiet des Indus und Satledsch. *Peterm. Mitth.*, XVII, 434—435.

Hänig, A.

756 . 1913. Die Manganlager in Britisch-Indien. *Osterr. Zeits. f. Berg.—u. Hüttenw.*, LXI, 600—603.

Hankin, G.

757 . 1845. [Note on a supposed submarine eruption off the coast of Arracan.] *Journ. A. S. B.*, XIV, *Proc.*, xxv—xxvi.

Hannay, H.

758 1845. [Note on an earthquake in Assam, July 26, 1845.] *Journ. A. S. B.*, XIV, *Proc.*, cxviii—cxix.

Hannay, P. S.

759 . 1845. On the Assam Petroleum Beds. *Journ. A. S. B.*, XIV, 817—821.

NATIONAL ARCHIVES OF INDIA

Hannay, S. F.

760—1. 1838. [Note respecting Coal, Iron and Petroleum in Assam.] *Journ. A. S. B.*, VII, 368.

—2. 1838. Further information on the gold washings of Assam. *Journ. A. S. B.*, VII, 625—628.

—3. 1848. [Note on coal from Jaipur, Upper Assam.] *Journ. A. S. B.*, XVII, 167—168.

—4. 1853. Note on the Gold Fields of Assam. *Journ. A. S. B.*, XXII, 515—521.

—5. 1856. Notes on the Iron Ore Statistics and Economic Geology of Upper Assam. *Journ. A. S. B.*, XXV, 330—344.

—6. 1857. Notes on the productive capacities of the Shan Countries, North and East of Ava, their Arts and Manufactures; with a short account of the town of Bamo, as seen in January 1836, and its Trade with China and the Lower Irrawaddy. *Sel. Rec. Beng. Govt.*, XXV, 9—19.

———, *see* **Dalton, E. T., 407—4, 408.**

———, *see* **Pemberton, R. B., 1385.**

Hannay, W.

761 : 1843. Memoranda of Earthquakes and other remarkable occurrences in Upper Assam, from January 1839 to September 1843. *Journ. A. S. B.*, XII, 907—909, 919; *Quart. Journ. Geol. Soc.*, I, 142—143.

Hannyngton, J. C.

762—1. 1876. Kondavide in the Kistna District. SHORTT'S *Hill Ranges of S. India*, Pt. 5, 37—38.

—2. 1876. The Upper Ranges of the Anamallay Hills. SHORTT'S *Hill Ranges of S. India*, Pt. 5, 55—60.

Harcourt, A. F. P.

763—1. 1871. On the Himalayan Valleys:—Kooloo, Lahoul, and Spiti. *Journ. R. Geogr. Soc.*, XLI, 245—257 (Abst. *Proc. R. Geogr. Soc.*, XV, 336—343).

NATIONAL ARCHIVES OF INDIA

Harcourt, A. F. P.—*contd.*

763—2. 1871. The Himalayan Districts of Kooloo, Lahoul, and Spiti. 8°, 381 pp., London., *Sel. Rec. Punj. Govt.*, N. S. No. 10, 1—119.

Hardie, J.

764—1. 1828. [Notes on the Geology of the Biana Hills.] *As. Journ.*, XXVI, 194.

—2. 1829. Remarks on the Geology of the Country on the Route from Baroda to Udayapur, *viâ* Birpur and Salumbher. *As. Res.*, XVIII, Pt. 1, 82—99 (Review, *Glean. Sci.*, I, 218—220).

—3. 1829. [Notes on the Geology of Oudeypoor.] *As. Journ.*, XXVII, 731—732.

—4. 1829. Observations on the Geology of the Meywar District, *Edin. N. Phil. Journ.*, VI, 329—335; VII, 116—125.

—5. 1831. On the Geology of the Secondary Formation of the Meywar District (in a letter to Professor Jameson). *Edin. N. Phil. Journ.*, XI, 82—89.

—6. 1832. Outline of the Geology of the Bhurtpoor District, *Edin. N. Phil. Journ.*, XIII, 328—336; XIV, 76—82 (Abst., *Bull. Soc. Géol. France*, Ser. 1, III, lxi; *Neu. Jahrb. f. Min.*, 1833, 446, 684).

—7. 1833. Sketch of the Geology of Central India, exclusive of Malwa. *As. Res.*, XVIII, Pt. 2, 27—92 (Abst., *Bull. Soc. Géol. France*, Ser. 1, V, 387—391, A. Boué; *Neu. Jahrb. f. Min.*, 1838, 692—693).

—8. 1833. Geology of the Valley of Oodipoor. *Edin. N. Phil. Journ.*, XIV, 263—282; XVI, 59—67, 278—285 (Abst., *Bull. Soc. Géol. France*, Ser. 1, V, 215—216, 391—395, A. Boué; *Neu. Jahrb. f. Min.*, 1836, 447—449).

—9. 1834. Explanation of the Sketch giving a Geological Section of the Strata from Nimach to Merta, published in the Asiatic Researches, Vol. XVIII, p. 92. *Journ. A. S. B.*, III, 238—242.

NATIONAL ARCHIVES OF INDIA

Hardiman, J. P., *see* **Scott,** *Sir* **J. G., 1601.**

Hardwicke, T.

765 . 1799. Narrative of a Journey to Srinagar. *As. Res.* VI, 309—347; *As. Ann. Reg.*, II, *Misc. Tracts*, 244—264.

Hare, F. T.

766 . 1873. [Note on cement manufactured in India.] *Prof. Papers Ind. Eng.*, Ser. 2, II, 21—30.

Harman, H. J.

767 . 1879. On the operations for Obtaining the Discharges of the large Rivers in Upper Assam, during season 1877—78. *Journ. A. S. B.*, XLVIII, Pt. 2, 4—36.

Harris, G. E.

768—1. 1900. On the Makum Coal Field, Assam. *Trans. Manch. Geol. Soc.*, XXVI, 572—590; *Coll. Guard.*, LXXX, 694—696 (Abst., *Eng. Min. Journ.*, LXXI, 116; *Journ. Soc. Arts*, XLVIII, 859—861).

—2. 1903. [On working a thick Coal-seam in India.] *Trans. N. E. Inst. Min. Eng.*, LIV, 19—20; *Trans. Inst. Min. Eng.*, XXVI, 19—20.

Harris, H.

769—1. 1898. The Manufacture of Pig Iron in India. *Journ. Soc. Chem. Ind.*, XVII, 995—996.

—2. 1899. The Copper Mines of Singhbhoom, Bengal. *Min. Journ.*, LXIX, 275 (Abst., *Eng. Min. Journ.*, LXVII, 408).

Harris, H., *and* **Turner, T.**

770 . 1893. On Native Iron Manufacture in Bengal. *Rep. Brit. Assoc.*, LXIII, 716 (*Title only*).

Harris, J. C.

771—1. 1860. Report upon the Extraordinary Flood of the Mahanuddy River and its branch, the Katjooree, during the rainy season of A. D. 1855, considered with reference to local effect upon the Town of Cuttack, being an inquiry into the probable past and actual present Flood Conditions, the measure of danger to the Town, the Cause and Remedy. *Sel. Rec. Beng. Govt.*, XXXV, 38—74.

NATIONAL ARCHIVES OF INDIA

Harris, J. C.—*contd.*

771—2. 1861. Note on the Rain-Fall in the Basin of the River Mahanuddy and the Floods consequent thereupon. *Journ. A. S. B.*, XXX, 216—221.

Harrison, J.

772 . 1874. Notes on a Journey in India [Narbada Valley] in 1861. *Min. Journ.*, XLIV, 208.

Harrison, W. H., *and* Ramaswami Sivan, M. R.

773 . 1912. A contribution to the knowledge of the Black Cotton Soils of India. *Mem. Dep. Agric. Ind.*, Chem. Ser. II, 261—280 (Abst., *Journ. Soc. Chem. Ind.*, XXXI, 999—1000 ; *Nature*, XC, 626).

Harrison, W, P.

774 . 1863. [Note on the coal at Thatay Khyoung, Tenasserim.] *Sel. Rec. Govt. India*, XXXIX (3), 4.

Harryngton, J.

775 . 1838. [Note on coal recently discovered near Jherria.] *Journ. A. S. B.*, VII, 285.

Hart, N.

776 . 1840. Some account of a Journey from Kurrachee to Hinglaj in the Lus territory, description of the intermediate country, and of the port of Sonmeeanee. *Journ. A. S. B.*, IX, 134—154.

Hart, S. V. W.

777 . 1855. Brief Notes of a Visit to the port of Sonmeeanee, and the country lying between Kurrachee and Hinglaj, in the Lus territory, in the months of January and February 1840. *Sel. Rec. Bo. Govt.*, N. S., XVII, Pt. 1, 323—339.

Hartert, E.

778 . 1889. Schilderungen aus Ober-Assam und über Assam im allgemeinen. *Verh. Ges. f. Erdk.*, XVI, 192—205.

Hartley, C.

779—1. 1911. An Exploration of the Beligal-ge, near Balangoda [Ceylon]. *Spolia Zeyl.*, VII, 197—200.

—2. 1913. The Stone Implements of Ceylon. *Spolia Zeyl.*, IX, 117—123.

NATIONAL ARCHIVES OF INDIA

Hartley, C.—*contd.*

779—3. 1914. On the Occurrence of Pigmy Implements in Ceylon. *Spolia Zeyl.*, X, 54—67.

Hartley, W. N.

780 . 1906. The Description and Spectrographic analysis of a Meteoric Stone [from the Kangra Valley]. *Journ. Chem. Soc.*, LXXXIX, 1566—1568.

Harvey, C. J.

781 1881. [The Wainaad Gold fields.] *Min. Journ.*, LI, 1024.

Hassenstein, B.

782 . 1882. Einige Bemerkungen zur geographischen und kartographischen Literatur über die Indo-Chinesischen Grenzlande. *Peterm. Mitth.*, XXVIII, 216—226.

Haswell, J.

783 . 1867. Remarks on two Flints from Jubbulpore, Central India, and on the Flint Implements discovered there by the late Lieut. Downing Swiney, R. E. *Trans. Edin. Geol. Soc.*, I, 198—200 (*Abstract*).

Hatch, F. H.

784—1. 1901. The Kolar Gold-Field, being a description of Quartz-Mining and Gold-Recovery as practised in India. *Mem. G. S. I.*, XXXIII, 1—72 (Abst., *Nature*, LXIV, 41; *Centralbl.*, III, 312—313, F. Noetling).

—2. 1901. Report on the auriferous Quartzites of Parhardiah, Chota Nagpur. *Mem. G. S. I.*, XXXIII, Pt. 2, 68—71.

———, *see* **Hayden, H. H., 794.**

———, *see* **Holland, *Sir* T. H., 859—35.**

Haughton, J. C.

785—1. 1854. Memorandum on the Geological Structure and Mineral resources of the Singhbhoom Division, South-West Frontier Agency. *Journ. A. S. B.*, XXIII, 103—122.

—2. 1863. [Note on flint arrow tips from the Andamans.] *Journ. A. S. B.*, XXXII, *Proc.*, 306—307.

NATIONAL ARCHIVES OF INDIA

Haughton, *Rev.* **S.**

786—1. 1857. Notes on Hypostilbite and Stilbite [Nerbudda Valley]. *Phil. Mag.*, Ser. 4, XIII, 509—510.

—2. 1858. Mineralogical Description of Rocks collected near Nagpur, Central India, by the Revd. Messrs. Hislop and Hunter. *Journ. R. Dub. Soc.*, II, 175—180 (Abst. *Nat. Hist. Rev.*, VI, *Proc.*, 42—47).

—3. 1859. On some Rocks and Minerals from Central India, including two new Species, Hislopite and Hunterite. *Phil. Mag.*, Ser. 4, XVII, 16—21 (Abst., *Ann. des. Mines*, Ser. 5, XVIII, 77, de Senarmont; *Neu. Jahrb. f. Min.*, 1860, 444—445, 570; *Journ. f. prakt. Chem.*, LXXVII, 87—88).

—4. 1859. On the Thickness of the Earth's Crust. *Phil. Mag.*, Ser. 4, XVII, 397—398; XVIII, 420—426; XIX, 444—449.

—5. 1862. Additional Notice of Hislopite and Hunterite. *Phil. Mag.*, Ser. 4, XXIII, 50—51.

—6. 1866. On the Chemical Composition of four Zeolites, presented by Col. Montgomery to the Geological Museum of Trinity College, Dublin. *Phil. Mag.*, Ser. 4, XXXII, 223—225; *Journ. R. Geol. Soc.; Ireland*, I, 252—254 (Abst., *Neu. Jahrb. f Min.*, 1867, 200).

—7. 1866. On the Chemical and Mineralogical Composition of the Dharmsalla Meteoric Stone. *Proc. Roy. Soc.*, XV, 214—218; *Phil. Mag.*, Ser. 4, XXXII, 266—269.

—8. 1868. Additional Notice of the Zeolites of Western India, *Journ. R. Geol. Soc.*, Ireland, II, 112—114.

Hausmann, J. Fr. L.

787 . 1841. Ueber einem blättrichen Graphit aus Zeylan. *Stud. Gött. Vereins Bergm. Freunde*, IV, 349—351 (Abst., *Neu. Jahrb. f. Min.*, 1842, 332).

Hauy, *l'abbé* **R. J.**

788 . 1797. Observations sur les pierres appelées jusqu'ici, par les Naturalistes, Hyacinthe et Jargon de Ceylan. *Ann. Chim.* XXII, 158—178.

NATIONAL ARCHIVES OF INDIA

Hay, R. G.

789 . 1840. Fossil Shells discovered in the neighbourhood of Bajgah, Afghanistan. *Journ. A. S. B.*, IX, 1126—1127.

Hay, W. C.

790 . 1850. Report on the Valley of Spiti; and facts collected with a view to a future Revenue Settlement. *Journ. A. S. B.*, XIX, 429—448.

Hay, W. C., *and* Thurburn, F. A. V.

791 . 1851. Report on the Turan Mall Hills (Satpura Range). *Journ. A. S. B.*, XX, 502—517.

Hay, W. E.

792 . 1854. [Notes on the Borax of Thibet.] *Sel. Rec. Punj. Govt.*, II, 504—511, 513—515, 541—547.

Hayden, H. H.

793—1. 1896. On some Igneous Rocks from the Tochi Valley. *Rec. G. S. I.*, XXIX, 63—69 (Abst., *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 439—440, Milch).

—2. 1896. Report on the Steatite mines, Minbu District, Burma. *Rec. G. S. I.*, XXIX, 71—76.

—3. 1897. On the supposed coal at Jaintia, Buxa Duars. *Rec. G. S. I.*, XXX, 249.

—4. 1898. On the Geology of Tirah and the Bazar Valley. *Mem. G. S. I.*, XXVIII, 96—117 (Abst., *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 432, J. Noetling).

—5. 1900. Note on the Auriferous reefs of South and South-East Wainad. *Gen. Rep. G. S. I.*, 1899—1900, 53—59.

—6. 1900. Progress Report on the Survey of Spiti and adjoining areas. *Gen. Rep. G. S. I.*, 1899—1900, 184—199 (Abst., *Geol. Centralbl.*, I, 210, A. v. Krafft).

—7. 1901. Some Auriferous localities in North Coimbatore. *Mem. G. S. I.*, XXXIII, Pt. 2, 53—67.

—8. 1903. Note on *Spirifer Curzoni*, Diener. *Pal. Indica*, Ser. XV, Pt. 5, *Appendix*, 1—3.

NATIONAL ARCHIVES OF INDIA

Hayden, H. H.—*contd.*

793—9. 1904. The Geology of Spiti, with parts of Bashahr and Rupshu. *Mem. G. S. I.*, XXXVI, 1—129 + i—viii (Abst., *Nature*, LXXI, 251—252; *Peterm. Mitth.*, LI, *Litt.* 194, C. Diener; *Geol. Centralbl.*, VI, 548—549).

—10. 1904. On a Deposit of Copper Ore near Komai, Darjeeling District. *Rec. G. S. I.*, XXXI, 1—4.

—11. 1905. Preliminary Note on the Geology of the Provinces of Tsang and Ü in Tibet. *Rec. G. S. I.*, XXXII, 160—174 (Abst., *Geogr. Journ.*, XXVI, 668—669; *La Géographie*, XII, 188—190, C. Rabot).

—12. 1907. The Geology of the Provinces of Tsang and Ü in Central Tibet. *Mem. G. S. I.*, XXXVI, 122—201 (Abst., *Peterm. Mitth.*, LIV, *Litt.* 131, E. Wagner; *La Géographie*, XVII, 300—302, C. Rabot).

—13. 1907. Notes on certain Glaciers in North-West Kashmir. *Rec. G. S. I.*, XXXV, 127—137 (Review, *Nature*, LXXVII, 201).

—14. 1907. The Stratigraphical Position of the Gangamopteris Beds of Kashmir. *Rec. G. S. I.*, XXXVI, 23—39.

—15. 1909. Thermal Springs in the Rajmahal Hills. *Rec. G. S. I.*, XXXVII, 328.

—16. 1909. Fusulinidæ from Afghanistan. *Rec. G. S. I.*, XXXVIII, 230—256 (Abst., *Revue Pal.*, XIV, 148—149).

—17. 1910. Note on the Discovery by Mr. Middlemiss of Fenestella-bearing Beds in Kashmir. *Rec. G. S. I.*, XL, 261—263.

—18. 1910. Some Coal-fields in North-Eastern Assam. *Rec. G. S. I.*, XL, 283—319 (Abst., *Trans. N. E. Inst. Min. Eng.*, LXI, *App.* 41, L. L. B.).

—19. 1910. The Hassanabad Glacier in Hunza. *Rec. G. S. I.*, XL, 339—340.

NATIONAL ARCHIVES OF INDIA

Hayden, H. H.—*contd.*

793—20. 1910. Notes on some Monuments in Afghanistan. *Mem. A. S. B.*, II, 341—346.

—21. 1910. Geological Report on the Hill Section of the Assam-Bengal Railway. *Railway Board Techn. Paper*, No. 112, 1—6.

—22. 1911. The Geology of Northern Afghanistan. *Mem. G. S. I.*, XXXIX, 1—97 (Abst., *Geol. Mag.*, Dec. 5, VIII, 275).

—23. 1911. Mr. T. R. Blyth [Obituary notice]. *Rec. G. S. I.*, XLI, 42.

—24. 1911. General Report of the Geological Survey of India for 1910. *Rec. G. S. I.*, XLI, 47—85.

—25. 1911. The Mineral Production of India during 1910. *Rec. G. S. I.*, XLI, 145—209.

—26. 1912. General Report of the Geological Survey of India for 1911. *Rec. G. S. I.*, XLII, 59—92.

—27. 1912. The mineral Production of India during 1911. *Rec. G. S. I.*, XLII, 133—207.

—28. 1913. General Report of the Geological Survey of India for the year 1912. *Rec. G. S. I.*, XLIII, 1—40.

—29. 1913. The Mineral Production of India during 1912. *Rec. G. S. I.*, XLIII, 77—137.

—30. 1913. Notes on the Relationship of the Himalaya to the Indo-Gangetic Plain and the Indian Peninsula. *Rec. G. S. I.*, XLIII, 138—167 (Abst., *Beitr. z. Geophys.*, XIII, Pt. 2, 153—157, M. P. Rudzki).

—31. 1914. General Report of the Geological Survey of India for the year 1913. *Rec. G. S. I.*, XLIV, 1—40.

—32. 1914. Note on the application of the Principle of Isostatic Compensation to the Conditions prevailing beneath the Indo-Gangetic Alluvium. *Journ. A. S. B.*, N. S., X, 275—280.

NATIONAL ARCHIVES OF INDIA

Hayden, H. H.—*concld.*

793—33. 1915. The Mineral Production of India during 1914. *Rec. G. S. I.*, XLV, 158—208.

—34. 1915. Notes on the Geology of Chitral, Gilgit and the Pamirs. *Rec. G. S. I.*, XLV, 271—326.

————, *see* **Burrard**, *Sir* **S. G., 240.**

————, *see* **Holland**, *Sir* **T. H., 862.**

Hayden, H. H., *and* **Hatch, F. H.**

794 . 1901. The Gold-fields of Wainad. *Mem. G. S. I.*, XXXIII, Pt. 2, 1—52 (Abst., *Geol. Mag.*, Dec. 4, IX, 132; *Nature*, LXV, 347; *Centralbl.*, III, 311—312, F. Noetling).

Hayward, G. W.

795—1. 1869. Journey from Leh to Yarkand and Kashgar, and Exploration of the Sources of the Yarkand River. *Journ. R. Geogr. Soc.*, XL, 33—166.

—2. 1870. Letters .... on Exploration in Gilgit and Yassin. *Journ. R. Geogr. Soc.*, XLI, 1—46.

Hazlewood, ————

796 1851. [Note on hot springs in the Southern Konkan.] *Trans. Bo. Geogr. Soc.*, X, *Proc.* xlii.

Headlam, E. J.

797 . 1907. A new Island in the Bay of Bengal. *Geogr. Journ.*, XXIX, 430—436.

Healey, *Miss* **M.**

798 . 1908. The Fauna of the Napeng Beds or the Rhætic Beds of Upper Burma. *Pal. Indica.*, N. S., II, Pt. 4, 1—88 (Abst., *Revue Pal.*, XIII, 168—169).

Heath, J. M.

799—1. 1832. [Presentation of specimens of Iron Ore and of manufactured Iron and Steel from Salem, Madras.] *Journ. A. S. B.*, I, 250.

—2. 1832. [Memoranda on the Salem Iron Works.] *Journ. A. S. B.*, 1, 253—255.

NATIONAL ARCHIVES OF INDIA

Heath, J. M.—*contd.*

799—3. 1839. On Indian Iron and Steel. *Journ. R. As. Soc.*, V, 390—397; *Mad. Journ. Lit. Sci.*, XI, 184—191; *Rep. Govt., Cent. Mus. Madras*, 1856, *Appendix*, 1—8.

Heath, T.

800—1. 1897. Note on the Calcutta Earthquake (June 12, 1897), as recorded by the Bifilar Pendulum at the Edinburgh Royal Observatory. *Proc. Roy. Soc. Edinb.*, XXI, 481—488.

—2. 1897. An Edinburgh Record of the Indian Earthquake (12th June, 1897). *Nature*, LVI, 174, 287.

Heatly, S. G. Tollemache

801 . 1842. Contributions towards a History of the development of the Mineral Resources of India. *Journ. A. S. B.*, XI, 811—835; XII, 542—563.

Hebbert, H. T.

802 . 1868. [On encroachments of the Sea on the coast of Kattyawar.] *Trans. Bo. Geogr. Soc.*, XVIII, *Proc.* xciii—xcvi.

Heber, *Bishop* R.

803 . 1843. Narrative of a Journey through the Upper Provinces of India, from Calcutta to Bombay, 1824—1825 (with notes upon Ceylon), an account of a journey to Madras and the Southern Provinces, 1826, and Letters written in India. 8°, 2 Vols., London.

Heddle, J. F.

804 1855. Memoir on the River Indus. *Sel. Rec. Bo. Govt.*, N. S., XVII, Pt. 2, 403—457.

Heddle, M. Forster

805 . 1889. On the occurrence of Gyrolite in India. *Mineral. Mag.* VIII, 199 (Abst., *Zeits. f. Kryst.*, XIX, 411, E. Jenssen; *Neu. Jahrb. f. Min.*, 1891, *Ref.* 232, F. Rinne).

Hedin, Sven

806—1. 1894. Forschungen über die physische Geographie des Hochlandes von Pamir im Frühjahr 1894. *Zeits. Ges. f. Erdk.*, XXIX, 289—338.

NATIONAL ARCHIVES OF INDIA

Hedin, Sven—*contd.*

806—2. **1895.** Attempts to ascend Mustagh-Ata. *Geogr. Journ.*, VI, 350—367 (Abst., *Scot. Geogr. Mag.*, XI, 584—585).

—3. **1895.** Die Gletscher des Mus-tag-ata. *Zeits. Ges. f. Erdk.*, XXX, 94—134.

—4. **1898.** Through Asia. 8°, 2 Vols., London (Review, *Nature*, LIX, 127—129, H. R. Mill).

—5. **1900.** Die Geographisch-wissenschaftlichen Ergebnisse meiner Reisen in Zentral-asien, 1894—1897. *Peterm. Mitth.*, Ergbd., XXVIII, No. 131, 1—399.

—6. **1903.** Seen in Tibet. *Zeits. Ges. f. Erdk.*, XXXVIII, 344—358 (Abst., *Geol. Centralbl.*, V, 154—155, Egon Fr. Kirschstein).

—7. **1903.** Central Asia and Tibet, towards the Holy City of Lassa. 8°, 2 Vols., London (Review, *Nature*, LXIX, 225—226, T. H. H.; *Scot. Geogr. Mag.*, XX, 202—212).

—8. **1904-1907.** Scientific results of a Journey in Central Asia, 1899—1902. 4°, 6 Vols., Stockholm (Review, *Peterm. Mitth.*, LI, *Litt.*, 50, Max Friederichsen; *Zeits. Ges. f. Erdk.*, XL, 308—313).

—9. **1909.** Trans-Himalaya; Discoveries and Adventures in Tibet. 8°, 2 Vols., London (Review, *Nature*, LXXXII, 367—369; *Geogr. Journ.*, XXXV, 322—324; *Scot. Geogr. Mag.*, XXVI, 131—141; *Geol. Centralbl.*, XIV, 158, K. Keilhack; *Zeits. Ges. f. Erdk.*, XLIV, 155—159; XLV, 349—351, Tiessen; XLVII, 319—320, A. Tafel; *Globus*, XCVI, 378—382).

—10. **1909.** Journeys in Tibet, 1906—1908. *Geogr. Journ.*, XXXIII, 353—440; *Scot. Geogr. Mag.*, XXV, 169—195 (Review, *Nature*, LXXX, 372—373).

—11. **1910.** The Kumdan Glaciers in 1902. *Geogr. Journ.*, XXXVI, 184—194.

—12. **1910.** Die wissenschaftlichen Ergebnisse meiner Reise in Tibet, 1906-08. *Peterm. Mitth.*, LVI, Pt. 2, 1—6.

NATIONAL ARCHIVES OF INDIA

Hedin, Sven—*concld.*

806—13. 1910. Overland to India. 8°, 2 Vols., London (Review, *Nature*, LXXXVI, 181—182; *Geogr. Journ.*, XXXVII, 305—306, P. M. S.; *Zeits. Ges. f. Erdk.*, XLVI, 203—204, Tiessen).

———, *see* **Backstrom, H., 59.**

Hein, Th.

807 . 1866. Analyse einen Meteoriten aus Dacca in Bengalen, *Sitz. k. Akad. Wiss.*, LIV, Abth. 2, 558—561; *Anz. k. Akad. Wiss.*, III, 203.

Helfer, J. W.

808—1. 1837. Report on Amherst in the Tenasserim Provinces. Fol., 40 pp., Calcutta.

—2. 1838. [Note on minerals found in Tenasserim.] *Journ. A. S. B.*, VII, 171.

—3. 1838. Report on the Coal discovered in the Tenasserim provinces. *Journ. A. S. B.*, VII, 701—706.

—4. 1839. Report on the Coal Field at Ta-thay-yna, on the Tenasserim river in Mergui province. *Journ. A. S. B.*, VIII, 385—389.

—5. 1839. Second Report. The Provinces of Ye, Tavoy, and Mergui, on the Tenasserim Coast. Fol., 76 pp., Calcutta.

—6. 1840. Fourth Report on the Tenasserim Provinces considered as a resort for Europeans. *Journ. A. S. B.*, IX, 155—189.

—7. 1859. Gedruckte und ungedruckte Schriften über die Tenasserim Provinzen, den Mergui Archipel und die Andaman Inseln. *Mitth. k. k. Geogr. Ges.*, III, 167—390.

Helfer, Pauline (*Countess Nositz*)

809 . 1878. Travels of Doctor and Madame Helfer in Syria, Mesopotamia, Burmah and other lands. 8°, 2 Vols., London.

NATIONAL ARCHIVES OF INDIA

Helm, O.

810—1. 1892. On a new, Fossil, Amber-like Resin occurring in Burma. *Rec. G. S. I.*, XXV, 180—181 (*Trans.*, T. H. Holland).

—2. 1893. Further note on Burmite, a new amber-like fossil resin from Upper Burma. *Rec. G. S. I.*, XXVI, 61—64 (*Trans.*, Prof. Bruhl).

—3. 1894. Ueber Birmit, ein in Oberbirma vorkommendes fossiles Harz. *Schrift. Naturf. Ges. Danzig.*, VIII, H. 3, 63—66 (Abst., *Zeits. f. Kryst.*, XXV, 624, P. Groth).

Henderson, ——(1)

811 . 1838. [Report on the Coal of Assam.] *Coal Com. Rep.*, 1838, Sect. VII, 1—14.

Henderson, —— (2)

812 . 1849. On Ceylonite found near Trincomalee. *Journ. Ceyl. As. Soc.*, II, Pt. 1, 97—99.

Henderson, A.

813 . 1834. Observations on the Mineralogy of the western half of Cutch. *Journ. R. As. Soc.*, I, 151—152, 158; *As. Journ.*, N. S., XIII, Pt. 1, 211, 283; *Bull. Soc. Géol. France*, Ser. 1, V, 395, A. Boué; *Neu. Jahrb. f. Min.*, 1835, 104.

Henderson, G.

814 . 1872. Notes on Sand-pits, Mud-discharges, and Brine-pits met with during the Yarkand Expedition of 1870. *Quart. Journ. Geol. Soc.*, XXVIII, Pt. 1, 402—405 (Abst., *Geol. Mag.*, Dec. 1, IX, 373—374; *Phil. Mag.*, Ser. 4, XLV, 149).

Henderson, G., *and* Hume, A. O.

815 . 1873. Lahore to Yárkand. Incidents of the Route and Natural History of the Countries traversed by the Expedition of 1870, under T. D. Forsyth, Esq., C.B. 8°, 370 pp., London.

Henderson, J.

816 . 1802. Observations on the Salt of Bitumen; the Bit-Noben of the Hindoos. *Phil. Mag.*, XIV, 206—209.

NATIONAL ARCHIVES OF INDIA

Henderson, W.

817 . 1859. Memorandum on the nature and effects of the Flooding of the Indus on 10th August, 1858, as ascertained at Attock and its neighbourhood. *Journ. A. S. B.*, XXVIII, 199—219; *Trans. Bo. Geogr. Soc.*, XIV, *Appendix* D, 18—20.

Henniker, C. H.

818 1906. Mining Exploration in Upper Burma. *Min. Journ.*, LXXIX, 52.

Hennessey, J. B. N.

819 1885. Explorations by A—K in Great Tibet and Mongolia. *Scot. Geogr. Mag.*, I, 352—372 (*Summary*).

Henry, T. A.

820 1904. Note on a new Mineral from Ceylon [Thorianite]. *Nature*, LXIX, 559—560.

Henry, T. H.

821 1852. On the Composition of Wootz, or Indian Steel. *Phil. Mag.*, Ser. 4, IV, 42—45.

Henry, W.

822 . 1821. Analysis of a Native Carbonate of Magnesia from the East Indies. *Ann. Philos.*, N. S., I, 252—254.

Henwood, C.

823 . 1886. Reports on Minerals in Kulu. *Kulu Min.*, 12—13.

Henwood, G.

824—1. 1868. Pinjour,—Its Palace and Thermal Springs. *Min. Journ.*, XXXVIII, 158.

—2. 1869. [Notes on Mining in the Himalaya.] *Min. Journ.*, XXXIX, 67, 471.

—3. 1886. Reports on Himalaya Silver, Copper, Antimony and Lead Mines. *Kulu Min.*, 5—6.

Henwood, W. J.

825—1. 1855. Report on the Metalliferous Deposits of Kumaon and Garhwal in North-Western India. *Sel. Rec. Govt. India*, VIII, 1—46; *Edin. N. Phil. Journ.*, N. S., III, 135—141, *also* 8°, Calcutta.

NATIONAL ARCHIVES OF INDIA

Henwood, W. J.—*contd.*

825—2. 1856. Notice of the Rock-Basons at Deo (Devi) Dhoora near Almorah in Upper India. *Edin. N. Phil. Journ.*, N. S., IV, 204—206.

—3. 1871. On the Metalliferous Deposits of North-Western India. *Trans. R. Geol. Soc. Cornwall*, VIII, 1—63.

—4. 1871. On certain Deposits of Iron-Ore in Bengal. *Trans. R. Geol. Soc. Cornwall*, VIII, 64—68.

Herbert, H. T.

826 . 1867. [Oscillations of level in the Runn of Kutch.] *Trans. Bo. Geogr. Soc.*, XVIII, *Proc.*, xciii—xcvi.

Herbert, J. D.

827—1. 1820. Description of passes through, and mountains and valleys in the Himalaya. *As. Journ.*, IX, 589—592.

—2. 1825. An account of a Tour made to lay down the Course and Levels of the River Setlej or Satudra, as far as traceable within the limits of the British authority, performed in 1819. *As. Res.*, XV, 339—428 (Abst., *As. Journ.*, XXIV, 754; *Edin. N. Phil. Journ.*, IV, 402—404).

—3. 1828. On the Zehr Mohereh, or Snake Stone. *As. Res.*, XVI, 382—386.

—4. 1828. Notice on the Occurrence of Coal within the Indo-Gangetic tract of Mountains. *As. Res.*, XVI, 397—408.

—5. 1829. Notice of the Occurrence of Gypsum in the Indo-Gangetic tract of Mountains. *As. Res.*, XVIII, Pt. 1, 216—223 (Review, *Glean. Sci.*, I, 227—228).

—6. 1829. On the Mineral Productions of that part of the Himalaya Mountains, lying between the Satlaj and the Kali (Gagra) Rivers; considered in an economical point of view, including an account of the Mines, and methods of working them, with suggestions for their Improvement. *As. Res.*, XVIII, Pt. 1, 227—258 (Review, *Glean. Sci.*, I, 228—230).

NATIONAL ARCHIVES OF INDIA

Herbert, J. D.—*contd.*

827—7. **1830.** Particulars of a Visit to the Siccim Hills, with some account of Darjiling, a place proposed as the site of a Sanatarium or Station of Health. *Glean. Sci.*, II, 89—96, 114—124.

—8. **1830.** On the Accumulation of Diluvium or Gravel in the Vallies which border the Great Himalaya System of Formations. *Glean. Sci.*, II, 164—165.

—9. **1831.** On the Organic Remains found in the Himalaya. *Glean. Sci.*, III, 265—272 (Abst., *Bull. Soc. Géol. France*, Ser. 1, III, lxii—lxiii; *Neu. Jahrb. f. Min.*, 1835, 345—346).

—10. **1842.** Report of the Mineralogical Survey of the Himalaya Mountains lying between the rivers Sutlej and Kalee. Illustrated by a Geological Map. *Journ. A. S. B.*, XI, Extra No. i—clxiii.

———, *see* **Hodgson, J. A., 852.**

Herbert, J. D., *and* Batten, J. H.

828 . **1844.** Journal of Captain Herbert's Tour from Almorah in a N. W., W., and S. W. direction, through parts of the Province of Kemaon and British Garhwal, chiefly in the centre of the Hills, *vide* No. 66, Indian Atlas (Edited by J. H. Batten). *Journ. A. S. B.*, XIII, 734—764.

Hermann, R.

829 **1868.** Ueber die Zusammensetzung des Tschewkinits von der Küste Coromandel. *Journ. f. prakt. Chem.*, CV, 332—335 (Abst., *Neu. Jahrb. f. Min.*, 1869, 480).

Heron, A. M.

830—1. **1911.** The Baluchistan Earthquake of the 21st October 1909. *Rec. G. S. I.*, XLI, 22—35 (Abst., *Geol. Mag.*, Dec. 5, VIII, 418—419).

—2. **1913.** The Kirana and other hills in the Jech and Rechna Doabs. *Rec. G. S. I.*, XLIII, 229—236.

—3. **1915.** Gypsum in Dholpur State. *Rec. G. S. I.*, XLV 82—83.

NATIONAL ARCHIVES OF INDIA

Hervey, D. F. A.

831 . 1881. The Endan and its Tributaries (Malay Peninsula). *Journ. Str. As. Soc.*, VIII, 93—124.

Heslop, S.

832 . 1910. Presidential Address, Mining and Geological Institute of India [Development of Indian Mining]. *Trans. Min. Geol. Inst., Ind.*, V, 14—29.

Hewitt, J. F.

833 . 1887. Chota Nagpore : its people and Resources. *As. Quart. Rev.*, III, 396—429.

Heyne, B.

834—1. 1813. On the Formation of Sulphur in India. *Phil. Mag.*, Ser. 1, XLI, 101—104.

—2. 1814. Tracts, Historical and Statistical on India ; with Journals of several Tours through various parts of the Peninsula : also, an account of Sumatra, in a series of Letters. 4°, 462 pp., London (Review, *As. Journ.*, II, 365—369, 492—500).

Higham, T., *see* **Nielly, A., 1306.**

Hilgard, E. W., *and* **Loughridge, R. H.**

835 . 1896. The Distribution of the Salts in Alkali Soils. *Agric. Ledger*, III, No. 1, 1—8.

Hill, A.

836 . 1910. Erosion and Deposition by the Indus. *Geol. Mag.*, Dec. 5, VII, 289—290 (Abst., *Geogr. Journ.*, XXXVI, 613).

Hill, E. G.

837 . 1903. The Analysis of *Reh*, the Alkaline Salts in Indian *Usar* Land. *Chem. News*, LXXXVII, 139—140 ; *Proc. Chem. Soc.*, XIX, 58—61.

Hinton, ——, *and* **Spry, H. H.**

838 . 1842. [Notes on Coal from Cap I., Ramree.] *Cal. Journ. Nat. Hist.*, II, 115—119.

NATIONAL ARCHIVES OF INDIA

Hirst, F. C.

839 . 1908. The Kosi River, and some lessons to be learnt from it. *Journ. A. S. B.*, N. S., IV, 463—487.

Hirst, F. C., *and* Ascoli, F. D.

840 . 1914. A Memoir upon the maps of Bengal constructed from 1764 onwards by Major James Rennell, F.R.S., Fol., 25 pp., Calcutta.

Hirst, *Rev.* W.

841 . 1763. An Account of an Earthquake in the East Indies (Chittangong, 2nd April 1762), etc. *Phil. Trans.*, LIII, 256—262; *Abridg.*, XII, 12.

Hislop, *Rev.* S.

842—1. 1851. On the Goodness of God as seen in the effects produced by the action of Heat on the present condition of the Earth. *Ind. Journ. Arts*, Ser. 1, 411—421.

—2. 1853. Geology of the Nagpur State. *Journ. Bo. As. Soc.*, V, 58—76, 148—150.

—3. 1855. On the connexion of the Umret Coal-beds with the Plant-beds of Nagpur; and of both with those of Burdwan. *Quart. Journ. Geol. Soc.*, XI, Pt. 1, 555—561; *Western India*, 291—301.

—4. 1855. On the age of the Coal strata in Western Bengal and Central India. *Journ. A. S. B.*, XXIV, 347—353.

—5. 1855. [Note on Fossils from Nagpore.] *Journ. A. S. B.*, XXIV, 365.

—6. 1858. [Exhibition of Fossils from Nágpur.] *Journ. Bo. As. Soc.*, VI, *Proc.*, lx—lxii.

—7. 1861. On the Age of the Fossiliferous Thin-bedded Sandstone and Coal of the Province of Nagpur, India. *Quart. Journ. Geol. Soc.*, XVII, Pt. 1, 346—354 (Abst., *Geologist*, IV, 208).

—8. 1861. Supplemental Note on the Plant-bearing Sandstones of Central India. *Quart. Journ. Geol. Soc.*, XVIII, Pt. 1, 36 (Abst., *Geologist*, V, 72; *Phil. Mag.*, Ser. 4, XXIII, 244).

NATIONAL ARCHIVES OF INDIA

Hislop, *Rev.* **S.**—*contd.*

842—9. 1861. Remarks on the Geology of Nagpur. *Journ. Bo. As. Soc.*, VI, 194—204.

—10. 1864. Extracts from Letters relating to the further Discovery of Fossil Teeth and Bones of Reptiles in Central India. *Quart. Journ. Geol. Soc.*, XX, Pt. I, 117, 280—282 (Abst., *Geologist*, VII, 63—64; *Phil. May.*, Ser. 4, XXVII, 155).

—11. 1864. [Note on the Bijori Labyrinthodont.] *Journ A. S. B.*, XXXIII, 443.

Hislop, *Rev.* **S.,** *and* **Hunter,** *Rev.* **R.**

843 . 1854. On the Geology of the neighbourhood of Nagpur, Central India. *Quart. Journ. Geol. Soc.*, X, Pt. 1, 470—473; XI, Pt. 1, 345—383; *Western India*, 247—288.

————, *see* **Haughton,** *Rev.* **S., 786—2.**

Hislop, *Rev.* **S., Murray, A.,** *and* **Jones, T. Rupert.**

844 . 1869. On the Tertiary Deposits, associated with Trap-rock, in he East Indies. With descriptions of the Fossil Shells, by the Revd. S. Hislop; and of the Fossil Insects, by Andrew Murray, Esq., F.R.S.E., and a note on the Fossil Cypridæ, by T. Rupert Jones, Esq., F.G.S., *Quart. Journ. Geol. Soc.*, XVI, Pt. I, 154—189 (Abst. *Geologist*, II, 293—294; *Phil. Mag.*, Ser. 4, XVIII, 153—155; *Neu. Jahrb. f. Min.*, 1859, 749—750; 1861, 103—104).

Hobday, J. R., *and* **Mallet, F. R.**

845 . 1885. The Volcanoes of Barren Island and Narcondam in the Bay of Bengal; their Topography by Captain J. R. Hobday, S.C. .... and Geology by F. R. Mallet. .... *Mem. G. S. I.*, XXI, 251—286 (Abst., *Amer. Journ. Sci.*, Ser. 3, XXXI, 394—395; *Peterm. Mitth.*, XXXII, *Litt.* 82, Supan).

NATIONAL ARCHIVES OF INDIA

Hochstetter, F. *von*

846—1. **1866.** Geologische Beobachtungen während der Reise der österreichischen fregatte Novara um die Erde in den Jahren 1857, 1858, 1859. 4°, Wien.—Beiträge zur Geologie und physikalischen Geographie der Nikobar-Inseln, II, Abth. 1, 83—112; *Trans.* by F. Stoliczka, *Rec. G. S. I.*, II, 59—73; *Sel. Rec. Govt. India*, LXXVII, 208—229 (Abst., *Neu. Jahrb. f. Min.*, 1867, 234—235; *Stray Feathers*, II, 36—47).

—2. **1876.** Asien, seine Zukunfts-bahnen und seine Kohlen schätze. 8°, 188 pp., Wien.

—3. **1885.** Gesammelte Reise-Berichte von der Erdumsegelung der Fregatte Novara. 8°, Wien.—Die Nikobarischen Inseln, 138—182.

Hodge, A. Cairn.

847 . **1904.** Remarks on the Geology of the Kolar Gold Field. *Trans. Inst. Min. Met.*, XIII, 166—167.

Hodges, J. F.

848 . **1874.** On the Composition of Tea and Tea-Soils from Cachar. *Rep. Brit. Assoc.*, XLIV, *Sections*, 60—63.

Hodgson, B. H.

849—1. **1832.** Route from Cathmandu, in Nepal, to Tazedo, on the Chinese Frontier. *As. Res.*, XVII, 513—534.

—2. **1848.** Ethnography and Geography of the Sub-Himalayas. *Journ. A. S. B.*, XVII, Pt. 1, 544—549.

—3. **1848.** Route from Kathmandu, the Capital of Nepal, to Darjeeling in Sikkim, interpersed with remarks on the People and Country. *Journ. A. S. B.*, XVII, Pt. 2, 634—646; *Sel. Rec. Beng. Govt.*, XXVII, 109—122.

—4. **1848.** Memorandum relative to the seven Cósis of Népál. *Journ. A. S. B.*, XVII, Pt. 2, 646—649; *Sel. Rec. Beng. Govt.*, XXVII, 122—125.

—5. **1849.** On the Physical Geography of the Himalaya. *Journ. A. S. B.*, XVIII, 761—788; *Sel. Rec. Beng. Govt.*, XXVII, 48—82.

NATIONAL ARCHIVES OF INDIA

Hodgson, B. H.—*contd.*

849—6. 1856. The Native Name of Mount Everest. *Journ. A. S. B.*, XXV, 467—470.

—7. 1856. Route of two Nepalese Embassies to Pekin with remarks on the water-shed and plateau of Tibet. *Journ. A. S. B.*, XXV, 473—497; *Sel. Rec. Beng. Govt.*, XXVII, 83—87.

—8. 1857. [The identification of Mount Everest.] *Proc. R. Geogr. Soc.*, I, 347—350.

Hodgson, C. K.

850 . 1849. Memorandum on earthquakes in January, 1849, at Burpetah, Assam. *Journ. A. S. B.*, XVIII, 174—175.

Hodgson, J. A.

851—1. 1822. Journal of a Survey to the Heads of the Rivers, Ganges and Jumna. *As. Res.*, XIV, 60—152; *As. Journ.*, XIV, 536—545; XV, 20—31; *Edin. Phil. Journ.*, VIII, 231—245; IX, 7—19 (Abst., *Quart. Journ. Sci.*, XVI, 183—184; *Ann. Philos.*, N. S., IV, 31—52, 99—117; *Froriep's Notizen*, III, 103).

—2. 1830. Letter from the Himalaya. *Glean. Sci.*, II, 48—52 (*Notes on the physical features of the Siwaliks and outer Himalaya*).

Hodgson, J. A., *and* Herbert, J. D.

852 1822. An Account of Trigonometrical and Astronomical Operations for determining the Heights and Positions of the principal Peaks of the Himalaya Mountains, situated between the latitudes of 31° 53′ 10″ and 30° 18′ 30″ N. and the longitudes of 77° 34′ 04″ and 79° 57′ 22″ E. *As. Res.*, XIV, 187—372 (Abst., *Edin. Phil. Journ.*, IX, 312—315; *Ann. Chim. Phys.*, XXV, 205—207).

Hoff, W. H.

853 . 1859. Précis of information regarding the Andamans, Nicobars and Coco Islands, prepared in the Foreign Office. *Sel. Rec. Govt. India*, XXV, 53—71.

NATIONAL ARCHIVES OF INDIA

Hoffman, J.

854 . 1892. Exploration in Sikkim: to the North-East of Kanchinjinga. *Proc. R. Geogr. Soc.*, N. S., XIV, 613—618.

Hoffmeister, W.

855 . 1847. Briefe aus Indien. 8°, 393 pp., Braunschweig; *Trans.*, 8°, 527 pp., Edinburgh, 1848.

Holdhaus, Karl

856 . 1913. Fauna of the Spiti Shales (Lamellibranchiata and Gastropoda). *Pal. Indica*, Ser. XV, IV, Pt. 2, 397—456 (Abst., *Geol. Mag.*, Dec. 6, II, 40).

Holdich, *Sir* T. H.

857—1. 1869. Note on the Sambar Salt Lake. *Sel. Rec. Govt. India*, LXXI, 147—149.

—2. 1879. The Mardian Hills and the Lower Indravati in the Bastar Dependency. *Proc. R. Geogr. Soc.*, N. S., I, 372—382.

—3. 1879. On New Routes to Candahar. *Rep. Brit. Assoc.* XLIX, 447—448 (*Abstract*).

—4. 1880. Geographical Results of the Afghan Campaign. *Proc. R. Geogr. Soc.*, N. S., III, 65—84.

—5. 1885. Afghan Boundary Commission; Geographical Notes. *Proc. R. Geogr. Soc.*, N. S., VII, 39—44, 160—166, 273—292.

—6. 1898. Tirah. *Geogr. Journ.*, XII, 337—361.

—7. 1900. An Orographic Map of Afghanistan and Baluchistan. *Geogr. Journ.*, XVI, 527—531 (Abst., *La Géographie*, II, 408—410, M. Chesneau).

—8. 1901. The Geography of the North-West Frontier of India. *Geogr. Journ.*, XVII, 461—477.

—9. 1901. The Indian Borderland, 1880-1900. 8°, 402 pp., London.

—10. 1904. Tibet, the Mysterious. 8°, 341 pp., London.

NATIONAL ARCHIVES OF INDIA

Holdich, *Sir* T. H.—*contd.*

857—11. 1905. India. 8°, 375 pp., London. Chap. XI, Minerals (Review, *Nature*, LXXI, 268—269).

—12. 1910. The Gates of India, being an historical Narrative. 8°, 553 pp., London.

—13. 1912. The North-Eastern Frontier of India. *Journ. Soc. Arts.*, LX, 379—392.

Holes, R. S.

858—1. 1898. Letters on the Iron Industry in the Jabalpur District. *Agric. Ledger*, V, No. 17, 8—27.

—2. 1900. Report on the Iron Industry in Jabalpur District, Central Provinces. *Agric. Ledger*, VII, No. 14, 153—158.

Holland, *Sir* T. H.

859—1. 1891. On Mineral Oil from the Suleiman Hills. *Rec. G. S. I.*, XXIV, 84—97.

—2. 1891. Chemical and Physical notes on Rocks from the Salt Range, Punjab. *Rec. G. S. I.*, XXIV, 230—244 (Abst., *Ann. Géol. Univ.*, VIII, 545, G. Ramond).

—3. 1891. Report on the work done in the Laboratory of the Geological Survey of India during the months of August, September, and October 1891. *Rec. G. S. I.*, XXIV, 246—257.

—4. 1892. Report on the work done in the Laboratory of the Geological Survey of India during November, December 1891, and January 1892. *Rec. G. S. I.*, XXV, 54—56.

—5. 1892. Preliminary Report on the Iron Ores and Iron-Industries of the Salem District. *Rec. G. S. I.*, XXV, 135—159 (Abst., *Journ. I. S. Inst.*, XLII, 451—452; *Trans. N. E. Inst. Min. Eng.*, XLII, 412, G. W. B.; *Peterm. Mitth.*, XL, *Litt.*, 42—43, Liebetrau; *Ann. Géol. Univ.*, IX, 576—577, G. Ramond).

—6. 1892. On the occurrence of Riebeckite in India. *Rec. G. S. I.*, XXV, 159—161.

NATIONAL ARCHIVES OF INDIA

Holland, *Sir* T. H.—*contd.*

859—7. 1892. Second Note on Mineral Oil from the Suleiman Hills. *Rec. G. S. I.*, XXV, 175—180.

—8. 1893. On a Magnetite from the Madras Presidency containing Manganese and Alumina. *Rec. G. S. I.*, XXVI, 164—165 (Abst., *Journ. I. S. Inst.*, XLV, 423).

—9. 1893. On Hislopite (Haughton). *Rec. G. S. I.*, XXVI, 166—171.

—10. 1893. The Petrology of Job Charnock's Tombstone. *Journ. A. S. B.*, LXII, Pt. 2, 162—164.

—11. 1893. The Iron Resources and Iron Industries of the Southern Districts, Madras Presidency. *Imp. Inst. Series of Handbooks of Commercial Products*, No. 8. 8°, 24 pp., Calcutta.

—12. 1894. Report on the Gohna Landslip, Garhwal. *Rec. G. S. I.*, XXVII, 55—65; *Sel. Rec. Govt. India*, CCCXXIV, 1—8 (Abst., *Nat. Sci.*, V, 255; *Peterm. Mitth.*, XLI, *Litt.* 107, Supan).

—13. On Highly Phosphatic Mica-Peridotites intrusive in the Lower Gondwana Rocks of Bengal. *Rec. G. S. I.*, XXVII, 129—141 (Abst., *Mineral. Mag.*, XI, 117—118).

—14. 1894. On a Mica-Hypersthene Hornblende-Peridotite in Bengal. *Rec. G. S. I.*, XXVII, 142—146 (Abst., *Mineral. Mag.*, XI, 117).

—15. 1894. The Gohna Landslip. *Nature*, L, 231—234.

—16. 1896. On the Acicular inclusions in Indian Garnets. *Rec. G. S. I.*, XXIX, 16—19 (Abst., *Zeits. f. Kryst.*, XXX, 89—90, H. A. Miers).

—17. 1896. On the Origin and Growth of Garnets and of their Micropegmatitic intergrowths in Pyroxenic rocks. *Rec. G. S. I.*, XXIX, 20—30 (Abst., *Zeits. f. Kryst.*, XXX, 90, H. A. Miers; *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 438—439, Milch).

NATIONAL ARCHIVES OF INDIA

Holland, *Sir* **T. H.**—*contd.*

859—18. 1897. On some Norites and associated Basic Dykes and Lava-flows in Southern India. *Rec. G. S. I.*, XXX, 16—42 (Abst., *Nat. Sci.*, XI, 15—16; *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 441—443, Milch).

—19. 1897. Note on Flow-structure in an Igneous dyke. *Rec. G. S. I.*, XXX, 113—114 (Abst., *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 444, Milch).

—20. 1897. Additional note on the Olivine-norite dykes at Coonoor, Nilgiri Hills. *Rec. G. S. I.*, XXX, 114—117 (Abst., *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 444, Milch).

—21. 1897. An Account of the Geological specimens collected by the Afghan-Baluch Boundary Commission of 1896. *Rec. G. S. I.*, XXX, 125—129 (Abst., *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 444, Milch).

—22. 1897. On a Quartz-barytes rock occurring in the Salem district, Madras Presidency. *Rec. G. S. I.*, XXX, 236—242 (Abst., *Mineral. Mag.*, XII, 49; *Nat. Sci.*, XII, 351; *Zeits. f. Kryst.*, XXXI, 200, H. A. Miers; *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 26, 445, M. Bauer).

—23. 1897. Report on the Geological Structure and Stability of the Hill Slopes around Naini Tal: with Introduction by R. D. Oldham. 8°, viii + 85 pp., Calcutta (Abst., *Nat. Sci.*, XI, 279—280; *Peterm. Mitth.*, XLIV, *Litt.* 117, C. Diener).

—24. 1897. On Augite-diorites with Micropegmatite in Southern India. *Quart. Journ. Geol. Soc.*, LIII, 405—419 (Abst., *Geol. Mag.*, Dec. 4, IV, 330—331; *Nature*, LVI, 166; *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 250, H. Behrens; *Phil. Mag.*, Ser. 5, XLIV, 128).

—25. 1898. A Manual of the Geology of India.—Economic Geology, by Prof. V. Ball, 2nd Edn., Pt. 1,—Corundum. 8°, 79 pp., Calcutta (Review, *Nature*, LIX, 558—559; Abst., *Nat. Sci.*, XIV, 13; *Zeits. f. Kryst.*, XXXII, 299, H. L. Bowman; *Amer. Journ. Sci.*, Ser. 4, VII, 318—319).

NATIONAL ARCHIVES OF INDIA

Holland, *Sir* **T. H.**—*contd.*

859—26. **1899.** Note on the Mica-bearing Pegmatites of Peninsular India. *Proc. A. S. B.*, 85—88.

—27. **1899.** The Comparative Actions of Subaërial and Submarine Agents in Rock Decomposition. *Geol. Mag.*, Dec. 4, VI, 30—31.

—28. **1899.** A Contribution to the Discussion on Rock-weathering and Serpentinization. *Geol. Mag.*, Dec. 4, VI, 540—547.

—29. **1899.** On the cause of the Darjeeling Landslips, September 25, 1899. *Nature*, LXI, 127.

—30. **1900.** Geology of the neighbourhood of Salem, Madras Presidency, with special reference to Leschenault de la Tour's observations. *Mem. G. S. I.*, XXX, 103—168 (Abst., *Peterm. Mitth.*, XLVIII, *Litt.* 129, C. Diener; *Geol. Centralbl.*, II, 14, A. v. Krafft).

—31. **1900.** The Charnockite Series, a group of Archæan hypersthenic rocks in Peninsular India. *Mem. G. S. I.*, XXVIII, 119—249+1—10 (Abst., *Geol. Centralbl.*, I, 161—162, A. v. Krafft).

—32. **1900.** Abstract of Report on the Geological structure of the sites proposed for the Bhavani dam. *Gen. Rep. G. S. I.*, 1899—1900, 230—233.

—33. **1900.** [On a Meteoric Iron found near Kodaikanal, Madras.] *Proc. A. S. B.*, 2—3.

—34. **1901.** The Sivamalai Series of Elæolite-syenites and Corundum-syenites in the Coimbatore District, Madras Presidency. *Mem. G. S. I.*, XXX, 169—224 (Abst., *Journ. Chem. Soc.*, LXXXII, Pt. 2, 148, L. J. S.; *Nature*, LXIV, 657; *Amer. Journ. Sci.*, Ser. 4, XII, 467—468; *Zeits. f. Kryst.*, XXXVII, 309, H. L. Bowman; *Geol. Centralbl.*, II, 33, A. v. Krafft).

—35. **1901.** Notes on Rock-specimens collected by Dr. F. H. Hatch on the Kolar Gold-field. *Mem. G. S. I.*, XXXIII, 73—81 (Abst., *Geol. Centralbl.*, II, 70, A. v. Krafft).

NATIONAL ARCHIVES OF INDIA

Holland, *Sir* **T. H.**—*contd.*

859—36. **1901.** On a peculiar form of altered Peridotite in the Mysore State. *Mem. G. S. I.*, XXXIV, 1—9 (Abst., *Amer. Journ. Sci.*, Ser. 4, XII, 468; *Neu. Jahrb. f. Min.*, 1903; I, *Ref.* 78, F. Noetling; *Geol. Centralbl.*, II, 1, A. v. Krafft).

—37. **1902.** The Mica Deposits of India. *Mem. G. S. I.*, XXXIV, 11—121+i—ix (Abst., *Mineral. Mag.*, XIII, 397—398; *Proc. Inst. C. Eng.*, CLII, 372, B. H. B.; *Neu. Jahrb. f. Min.*, 1903, I, *Ref.* 27—28, F. Noetling; *Zeits. f. Kryst.*, XLI, 405—406, H. L. Bowman; *Bull. Imp. Inst.*, 1, 49—50).

—38. **1903.** General Report on the work carried on by the Geological Survey of India, 1902-1903, 8°, 26 pp., Calcutta.

—39. **1903.** [Remarks on a meteorite which fell in Eastern Bengal on October 22, 1903.] *Proc. A. S. B.*, 132; *Nature*, LXIX, 205.

—40. **1903.** [Remarks on Crushing Mills used by ancient Gold Miners in Chota Nagpur.] *Proc. A. S. B.*, 132.

—41. **1903.** On the Constitution, Origin, and Dehydration of Laterite. *Geol. Mag.*, Dec. 4, X, 59—69 (Abst., *Journ. Chem. Soc.*, LXXXVI, Pt. 2, 181, L. J. S.; *Zeits. f. Kryst.*, XLI, 397—398, H. L. Bowman; *Neu. Jahrb. f. Min.*, 1905, I, *Ref.* 374—375, K. Busz).

—42. **1904.** Tin-ore in Burma. *Rec. G. S. I.*, XXXI, 43.

—43. **1904.** Tin-ore and Gadolinite in Palanpur. *Rec. G. S. I.*, XXXI, 43.

—44. **1904.** Lieut.-General C. A. McMahon, F.R.S. [Obituary notice]. *Rec. G. S. I.*, XXXI, 53—55.

—45. **1904.** Fossil bones in the Godavari alluvium. *Rec. G. S. I.*, XXXI, 103.

—46. **1904.** Assays of Raniganj Coals. *Rec. G. S. I.*, XXXI, 104—107.

NATIONAL ARCHIVES OF INDIA

Holland, *Sir* **T. H.**—*contd.*

859—47. 1904. Ancient kitchen-midden in the Andamans. *Rec. G. S. I.*, XXXI, 107—108.

—48. 1904. Assays of Coal and Coke from the Jherria and Raniganj fields. *Rec. G. S. I.*, XXXI, 237—239.

—49. 1904. Geology of India. *Imp. Gazetteer*, I, Chap. II, 1—75 (Review, *Geol. Mag.*, Dec. 5, IV, 319—325, W. H. H.).

—50. 1905. Review of the Mineral Production of India during the years 1898 to 1903. *Rec. G. S. I.*, XXXII, 1—102 (Review, *Nature*, LXXII, 162—163; *Peterm. Mitth.*, LI, *Litt.* 196, E. Wagner; *Bull. Imp. Inst.*, IV, 156—164).

—51. 1905. General Report of the Geological Survey of India for the period April 1903 to December 1904. *Rec. G. S. I.*, XXXII, 121—159.

—52. 1905. The Occurrence of Bauxite in India. *Rec. G. S. I.*, XXXII, 175—184 (Abst., *Neu. Jahrb. f. Min.*, 1906, II, *Ref.* 330—332, M. Bauer).

—53. 1905. Imports and Exports of Minera Products during 1904. *Rec. G. S. I.*, XXXII, 185—188.

—54. 1905. The Kangra Earthquake of April 4, 1905. *Nature*, LXXII, 428—429.

—55. 1906. The Mineral Production of India during 1904. *Rec. G. S. I.*, XXXIII, 1—32 (Abst., *Min. Journ.*, LXXVIII, 8).

—56. 1906. General Report of the Geological Survey of India for 1905. *Rec. G. S. I.*, XXXIII, 65—116 (Review, *Geol. Mag.*, Dec. 5, III, 425—426, A. H. F.; *Min. Journ.* LXXIX, 555).

—57. 1906. Imports and Exports of Mineral Products during 1905. *Rec. G. S. I.*, XXXIII, 237—239.

—58. 1906. Presidential Address, Mining and Geological Institute of India [Classification of Indian Strata]. *Trans. Min. Geol. Inst. Ind.*, I, 30—51.

NATIONAL ARCHIVES OF INDIA

Holland, *Sir* **T. H.**—*contd.*

859—59. **1906.** Exhibition of a Remarkable Form of Sodalite from Rajputana. *Rep. Brit. Assoc.*, LXXVI, 563 *Geol. Mag.*, Dec. 5, III, 519; *Nature*, LXXIV, 550 (Abst., *Neu. Jahrb. f. Min.*, 1908, I, *Ref.* 18, M. Bauer).

—60. **1907.** General Report of the Geological Survey of India for 1906. *Rec. G. S. I.*, XXXV, 1—61 (Abst., *Geol. Mag.* Dec. 5, IV, 359—360).

—61. **1907.** A Preliminary Survey of certain Glaciers in the North-West Himalaya,—Introduction. *Rec. G. S. I.*, XXXV, 123—126 (Abst., *Geol. Mag.*, Dec. 5, V, 121—122, W. H. H.; *Geogr. Journ.*, XXXI, 315—317; *Peterm. Mitth.*, LV, *Litt.* 48, Hess; *Zeits. f. Gletscherk*, II, 313—314).

—62. **1907.** The Mineral Production of India during 1906. *Rec. G. S. I.*, XXXVI, 63—108.

—63. **1907.** Note on a Boulder found embedded in a Coal-seam. *Trans. Min., Geol. Inst., Ind.*, I, 139—146.

—64. **1907.** Presidential Address, Mining and Geological Institute of India [The Relationship of Pure to Applied Science. The Development of Indian Metalliferous Minerals]. *Trans. Min., Geol. Inst. Ind.*, II, 9—52.

—65. **1907.** The Indian Empire.—Mines and Minerals. *Imp. Gazetteer*, III, Chap. III, 128—167.

—66. **1908.** General Report of the Geological Survey of India for 1907, *Rec. G. S. I.*, XXXVII, 1—56 (Review, *Geol. May.*, Dec. 5, VI, 127—131).

—67. **1908.** The Mineral Production of India during 1907. *Rec. G. S. I.*, XXXVII, 57—128 (Abst., *Journ. Soc. Arts*, LVI, 554—555).

—68. **1908.** On the occurrence of striated boulders in the Blaini formation of Simla, with a discussion of the geological age of the beds. *Rec. G. S. I.*, XXXVII, 129—135 (Abst., *Amer. Journ. Sci.*, Ser. 4, XXVII, 413).

NATIONAL ARCHIVES OF INDIA

Holland, *Sir* **T. H.**—*contd.*

859—69. 1908. Sketch of the Mineral Resources of India. 8°, 86 pp., Calcutta (Review, *Nature*, LXXX, 163—164, J. W. Garwood; *Journ. Soc. Arts*, LVII, 94—95; *Econ. Geol.*, IV, 270—272, B. S. Butler; *Peterm. Mitth.*, LVI, Pt. 1, 166, E. Wagner).

—70. 1908. Note on Jurassic and Triassic fossils from Nepal. *Rec. G. S. I.*, XXXVII, 136—138.

—71. 1909. General Report of the Geological Survey of India for 1908. *Rec. G. S. I.*, XXXVIII, 1—70 (Abst., *Peterm. Mitth.*, LVI, Pt. 2, 40, E. Wagner).

—72. 1909. The Mineral Production of India during 1908. *Rec. G. S. I.*, XXXVIII, 71—125.

—73. 1910. Recent Contributions to Theories regarding the Internal Structure of the Earth. *Mem. Manch. Lit. Phil. Soc.*, LIV, xxi (*Title only*); Abst., *Nature*, LXXXIII, 292—293.

—74. 1910. The Cause of Gravity Variations in Northern India. *Rep. Brit. Assoc.*, LXXX, 607—608.

—75. 1910. Remarks on the Origin of Laterite. *Trans. Inst. Min. Met.*, XIX, 453—457.

—76. 1911. The Origin of Desert Salt Deposits. *Proc. Geol. Soc. Liverpool*, XI, 227—250.

—77. 1911. The Trend of Mineral Development in India. *Journ. Soc. Arts*, LIX, 626—655 (Abst., *Journ. I. S. Inst.*, LXXXIII, 543—544).

—78. 1913. The Archæan and Purana Groups of Peninsular India. *Comptes Rendus, XII Congrès géol. intern. Toronto*, 371—379.

—79. 1914. On the Physical condition of the interior of the Earth *Rep. Brit. Assoc.*, LXXXIV, 344—358; *Geol. Mag.* Dec. 6, I, 411—418, 457—464; *Nature*, XCIV, 8—17.

—80. 1914. On the Physiography of Arid Lands. *Rep. Brit. Assoc.*, LXXXIV, 363—365.

NATIONAL ARCHIVES OF INDIA

Holland, *Sir* T. H.—*concld.*
———, *see* **Alcock, A. W., 20—1; Evans, J. W., 556.**

Holland, *Sir* T. H., *and* Christie, W. A. K.
860 . 1909. The Origin of the Salt Deposits of Rajputana. *Rec. G. S. I.*, XXXVIII, 154—186 (Abst., *Geol. Mag.*, Dec. 5, X, 268—269; *Peterm. Mitth.*, LVI, Pt. 2, 273, E. Wagner).

Holland, *Sir* T. H., *and* Fermor, L. L.
861 . 1910. Quinquennial Review of the Mineral Productions of India during the years 1904 to 1908. *Rec. G. S. I.*, XXXIX, 1—280 (Review, *Coll. Guard.*, C, 411—412; *Nature*, LXXXV, 121, H. Louis; *Journ. Soc. Arts*, LVIII, 737—738; *Peterm. Mitth.*, LVII, Pt. 1, 155, E. Wagner).

Holland, *Sir* T. H., Hayden, H. H., *and* Fermor, L. L.
862 . 1915. Quinquennial Review of the Mineral Productions of India. Revised for the years 1909 to 1913. *Rec. G. S. I.*, XLVI, 1—296 +i—xlvi (Review, *Nature*, XCVI, 514—515, H. L.).

Holland, *Sir* T. H., *and* LaTouche, T. H. D.
863 . 1910. Note on the Iron Ores of India. Reprinted from "*The Iron Ore Resources of the World*," 4°, Stockholm, pp. 901—912.

Holland, *Sir* T. H., *and* Saise, W.
864 . 1895. On the Igneous Rocks of the Giridih (Kurhurbaree, Coal-field and their Contact Effects. *Rec. G. S. I.*, XXVIII, 121—138 (Abst., *Nature*, LIII, 401; *Journ. I. S. Inst.* XLIX, 340).

Holland, *Sir* T. H., *and* Tipper, G. H.
864a . 1913. Indian Geological Terminology. *Mem. G. S. I.*, XLIII, 1—127 + i—xxiii.

Holland, *Sir* T. H., *and* Ward, T. H.
865 . 1907. The Geology of the Giridih Coal-field. *Trans. Min. Geol. Inst. Ind.*, I, 193—198.

NATIONAL ARCHIVES OF INDIA

Homfray, J.

866—1. 1842. A description of the Coal-field of the Damoodah Valley, and the adjacent Countries of Beerbhoom and Poorooleah, as applicable to the present date 1842. *Journ. A. S. B.*, XI, 723—739.

—2. 1842. [Note on Kaolin in the Damoodah Valley.] *Cal. Journ. Nat. Hist.*, II, 596.

—3. 1843. [Letter forwarding specimens of strata from the Amanath Coal-field, Palamow.] *Journ. A. S. B.*, XII, 921—922.

—4. 1848. [Note on Ball Coal from the Seetarampore Colliery, Burdwan.] *Journ. A. S. B.*, XVII, Pt. 2, *Proc.* 703—704.

Hooker, *Sir* J. D.

867—1. 1848. Observations made when following the Grand Trunk Road across the hills of Upper Bengal, Parasnath, etc., in the Soane Valley; and on the Kymaon branch of the Vindhya hills. *Journ. A. S. B.*, XVII, Pt. 2, 355—411.

—2. 1849. Notes, chiefly Botanical, made during an excursion from Darjiling to Tonglo, a lofty mountain on the confines of Sikkim and Nepal. *Journ. A. S. B.*, XVIII, 419—446.

—3. 1849. A fourth Excursion to the Passes into Thibet by the Donkiah Lah. *Journ. R. Geogr. Soc.*, XX, 49—52.

—4. 1851. On the Physical Character of Sikkim-Himalaya. *Hooker's Journ. Bot.*, III, 21—31.

—5. 1851. Observations in the Sikkim-Himalaya (Extracts from letters to Alex. v. Humboldt). *Monatsb. Verh. Ges. f. Erdk.*, N. S., VIII, 231—262.

—6. 1854. Himalayan Journals; or, Notes of a Naturalist in Bengal, the Sikkim and Nepal Himalayas, the Khasia Mountains, etc. 8°, 2 Vols., London (Review, *Nat. Hist. Rev.*, I, 57—63).

NATIONAL ARCHIVES OF INDIA

Hooker, *Sir* J. D.—*contd.*

867—7. 1864. Iron Smelting in the Khasi Hills. PERCY'S *Metallurgy*, Pt. 2, 262—266.

———, *see* **Ritter, C., 1489—3.**

Hooper, D.

868—1. 1903. Silajit: an ancient Eastern Medicine. *Journ. A. S. B.*, LXXII, Pt. 2, 98—103.

—2. 1903. The occurrence of Melanterite in Baluchistan. *Journ. A. S. B.*, LXXII, Pt. 2, 236—239 (Abst., *Zeits. f. Kryst.*, XLII, 391, H. L. Bowman).

—3. 1905. A Report on the Manufacture and Composition of Indian Saltpetre. *Agric. Ledger*, XII, No. 3, 17—48.

Hooper, D., *and* Mann, H. H.

869 . 1906. Earth-Eating and the Earth-Eating habit in India. *Mem. A. S. B.*, I, No. 12, 249—270.

Horsburgh, J.

870 . 1832. Some Remarks relative to the Geography of the Maldiva Islands, and the Navigable Channels (at present known to Europeans) which separate the Atolls from each other. *Journ. R. Geogr. Soc.*, II, 72—80.

Horst, H.

871 . 1870. Notes on the States of Jeypoor, Tonk, etc., in Rajputana. *Sel. Rec. Govt. India*, LXXX, 70—73.

Hoste, E. P. de la, *see* **de la Hoste, 456.**

Hosten, *Rev.* H.

872 . 1912. The Pitt Diamond and the eyes of Jagannath (Puri). *Journ. A. S. B.*, N. S., VIII, 133—144: IX, 189, 451—455.

Hove, ——

873 . 1855. Tours for Scientific and Economical Research made in Guzerat, Kattiawar, and the Conkuns, in 1787—88. *Sel. Rec. Bo. Govt.*, N. S., XVI, 1—199.

NATIONAL ARCHIVES OF INDIA

Howard, E.

874 . 1802. Experiments and Observations on certain stony and metalline Substances, which at different Times are said to have fallen on the Earth; also on various Kinds of native Iron. *Phil. Trans.*, XCII, 168—212; *Nich. Journ.*, II, 216—221, 254—263 (Abst., *Proc. Roy. Soc.*, I, 75—80; *Journ. des Mines*, XIII, 13-21, Cit. Tounellier).

Howard, H., *Earl Marshal of England.*

875 . 1677. A description of the Diamond Mines, as it was presented ..... to the R. Society. *Phil. Trans.*, XII, 907—917; *Abridg.*, II, 405—411.

Howarth, W.

876 . 1908. Longwall Method of Working Coal at the Seetarampore Coal Company's Collieries, Nursamooda. *Trans. Min. Geol. Inst. Ind.*, III, 135—145.

Howden, A. C.

877 . 1868. Floods in the Nerbudda Valley: with remarks on Monsoon Floods in India generally. *Proc. Inst. C. Eng.*, XXVII, 218—228.

Howe, H.

878 . 1845. [Note on a supposed submarine eruption off the Coast of Arracan.] *Journ. A. S. B.*, XIV, *Proc.*, xxviii—xxix.

Howorth, *Sir* H. H.

879—1. 1891. On the very Recent and Rapid elevation of the Highlands of Eastern Asia. *Geol. Mag.*, Dec. 3, VIII, 97—104, 156—163.

—2. 1891. The Recent and Rapid elevation of the Himalayas. *Geol. Mag.*, Dec. 3, VIII, 294—296; IX, 276—278.

—3. 1892. The Absence of Glacial Phenomena in large parts of Western Asia and Eastern Europe, etc. *Geol. Mag.*, Dec. 3, IX, 54—64 (Abst., *Neu. Jahrb. f. Min.*, 1893, I, *Ref.* 318—319, H. Behrens).

Hudleston, W. H.

880 . 1895. Notes on Indian Geology, including a visit to Kashmir. *Proc. Geol. Assoc.*, XIV, 226—261.

———, *see* **McMahon, C. A., 1142, 31—1144.**

NATIONAL ARCHIVES OF INDIA

Hugel, *Baron* Karl *von*

881—1. **1836.** Notice of a Visit to the Valley of Kashmir in 1836. *Journ. A. S. B.*, V, 184—187 ; *Alex. E. I. Mag.*, XII, 320—328 (Abst., *Bibl. Univ.*, N. S., VIII, 437—438, I. M.).

—2. **1836.** Notice of a Visit to the Himmáleh Mountains and the Valley of Kashmir, in 1835. *Journ. R. Geogr. Soc.*, VI, 343—349.

—3. **1840-1848.** Kaschmir und das Reich der Siek. 8°, 4 Vols., Stuttgart (Review, *Journ. R. Geogr. Soc.*, X, 562—567).

—4. **1841.** [Extract from a letter on the Fossil Bones of Perim Island.] *Journ. Bo. As. Soc.*, I, 17—18.

—5. **1850.** Das Kabul Becken und die Gebirge zwischen dem Hindu Kosch und der Sutlej. 4°, Wien.

Hugel, *Baron* Karl *von, and* Fulljames, G.

882 . **1836.** Recent Discovery of Fossil Bones in Perim Island, in the Cambay Gulph. *Journ. A. S. B.*, V, 288—291 (Abst. *Western India*, 499, H. J. Carter ; *Bibl. Univ.*, N. S. X, 198—199, I. M.).

Hughes, A. W.

883 . **1877.** The Country of Balochistan, its Geography, Topography, Ethnology, and History. 8°, 294 pp., London.

Hughes, E. W. M.

884 . **1886.** On the use of Petroleum Oil (found in the Murie Hills, Beluchistan) as fuel in Locomotive Engines, Stationary Boilers and Furnaces. *Prof. Papers Ind. Eng.*, Ser. 3, IV, 97—107.

Hughes, F. C.

885—1. **1907.** Minerals and Metalliferous Lodes of Kulu and Lahaol, Kangra District, Punjab Himalayas. *Trans., Inst., Min. Met.*, XVI, 238—241.

—2. **1907** The Sampling of Ores and Bullion. *Trans. Min. Geol. Inst. Ind.*, II, 57—70.

NATIONAL ARCHIVES OF INDIA

Hughes, F. C.—*contd.*

885—3. 1910. Proximate Analyses and Calorific Values of Bengal Coals. *Trans. Min. Geol. Inst. Ind.*, V, 114—180.

Hughes, J.

886 . 1886. Analysis of Ceylon Soils. *Chem. News*, LIV, 126.

Hughes, T. McKenny

887 . 1901. [Note on the Geology of the Malay Peninsula.] *Rep. Brit. Assoc.*, LXXI, 414.

Hughes, T. W. H.

888—1. 1866. The Jherria Coal-field. *Mem. G. S. I.*, V, 227—336 (Abst., *Geol. Mag.*, Dec. 1, VI, 18—20).

—2. 1867. The Bokaro Coal-fields. *Mem. G. S. I.*, VI, 39—108.

—3. 1870. The Kurhurbari Coal-field. *Mem. G. S. I.*, VII, 209—246 (Abst., *Geol. Mag.*, Dec. 1, VIII, 126).

—4. 1870. The Deoghur Coal-fields. *Mem. G. S. I.*, VII, 247—255 (Abst., *Geol. Mag.*, Dec. 1, VIII, 126—127).

—5. 1870. Note on the Slates at Chitēli, Kumaon. *Rec. G. S. I.*, III, 43—44 (Abst., *Geol. Mag.*, Dec. 1, VII, 428).

—6. 1870. Note on the Lead-ore at Slimanabad, Jabalpur District, Central Provinces. *Rec. G. S. I.*, III, 70—71.

—7. 1871. The Karanpura Coal-fields. *Mem. G. S. I.*, VII, 285—342 (Abst., *Geol. Mag.*, Dec. 1, IX, 32—34).

—8. 1872. The Itkhuri Coal-field. *Mem. G. S. I.*, VIII, 321—324.

—9. 1872. The Daltonganj Coal-field. *Mem. G. S. I.*, VIII, 325—346.

—10. 1872. Note on Coal in India. *Min. Journ.*, XLII, 902.

—11. 1873. Coal in India. *Rec. G. S. I.*, VI, 64—66; *Min. Journ.*, XLIII, 1297.

NATIONAL ARCHIVES OF INDIA

Hughes, T. W. H.—*contd.*

888—12. 1873. Note on some of the Iron Deposits of Chanda, Central Provinces. *Rec. G. S. I.*, VI, 77—81; *Gazette of India, Suppl.*, 22 Aug., 1874, 1489—1491 (Abst., *Journ. I. S. Inst.*, VIII, 200—202; *Min. Journ.*, XLIV, 329; *Journ. Sci.*, Ser. 2, IV, 263).

—13. 1874. Notes on some of the Iron ores of Kumaon. *Rec. G. S. I.*, VII, 15—20; *Gazette of India, Suppl.*, 22 Aug., 1874, 1466—1468.

—14. 1874. Note on the raw materials for Iron smelting in the Raniganj field. *Rec. G. S. I.*, VII, 20—30; *Gazette of India, Suppl.*, 22 Aug. 1874, 1474—1481.

—15. 1874. Petroleum in Assam. *Rec. G. S. I.*, VII, 55—58.

—16. 1874. Second note on the materials for Iron manufacture in the Raniganj Coal-field. *Rec. G. S. I.*, VII, 122—124.

—17. 1874. Manganese ore in the Wardha Coal-field. *Rec. G. S. I.*, VII, 125—126.

—18. 1874. Notes upon the subsidiary materials for artificial fuel. *Rec. G. S. I.*, VII, 160—163.

—19. 1876. On the relations of the fossiliferous strata at Maleri and Kota, near Sironcha, Central Provinces. *Rec. G. S. I.*, IX, 86.

—20. 1877. The Wardha Valley Coal-field. *Mem. G. S. I.*, XIII, 1—154 (Abst., *Journ. Sci.*, Ser. 2, VIII, 412).

—21. 1877. Borings for Coal in India. *Rec. G. S. I.*, X, 92—97.

—22. 1878. Notes on the geology of the Upper Godavari basin, between the river Wardha and the Godavari, near the Civil Station of Sironcha. *Rec. G. S. I.*, XI, 17—30.

—23. 1879. Statistics of coal importations into India. *Rec. G. S. I.*, XII, 83—87.

—24. 1881. Note on the South Rewah Gondwana basin. *Rec. G. S. I.*, XIV, 126—138, 311—320.

NATIONAL ARCHIVES OF INDIA

Hughes, T. W. H —*concld.*

888—25. 1881. Notes on Mining Records, and the Mining Record Office of Great Britain ; and the Coal and Metalliferous Mines Acts of 1872 (England). *Rec. G. S. I.*, XIV, 185—190.

—26. 1882. Notes on the Umaria Coal Field (South Rewah Gondwana basin). *Rec. G. S. I.*, XV, 169—175.

—27. 1883. Further notes on the Umaria Coal-field (South Rewah Gondwana basin). *Rec. G. S. I.*, XVI, 118—121.

—28. 1884. Additional notes on the Umaria Coal Field (South Rewah Gondwana Basin). *Rec. G. S. I.*, XVII, 146—150 (Abst., *Journ. I. S. Inst.*, XXIV, 664).

—29. 1885. The Southern Coal-fields of the Rewah Gondwana Basin : Umaria, Korar, Johilla, Sohagpur, Kurasia, Koreagarh, Jhilmili. *Mem. G. S. I.*, XXI, 137—249 (Abst., *Journ. I. S. Inst.*, XXVI, 666—668 ; *Peterm. Mitth.*, XXXII, *Litt.* 82—83, Supan).

—30. 1889. Tin-mining in Mergui District. *Rec. G. S. I.*, XXII, 188—208 ; Fol. 17 pp., Rangoon.

—31. 1889. Notes on Tin Smelting in the Malay Peninsula. *Rec. G. S. I.*, XXII, 235—236.

—32. 1892. Coal on the Great Tenasserim River, Mergui District, Lower Burma. *Rec. G. S. I.*, XXV, 161—163 (Abst., *Journ. I. S. Inst.*, XLII, 359—360 ; *Trans. N. E. Inst. Min Eng.*, XLII, 394, G. W. S.; *Journ. Soc. Arts*, XLI, 120—121).

—33. 1893. Report on the Prospecting Operations, Mergui District, 1891-92. *Rec. G. S. I.*, XXVI, 40—53 (Abst., *Journ. I. S. Inst.*, XLIII, 232).

Hughes, T. W. H., *and* Medlicott, H. B.

889 . 1875. Trials of Raniganj Fire-bricks. *Rec. G. S. I.*, VIII, 18—20.

NATIONAL ARCHIVES OF INDIA

Hughes, T. W. H., *and* Waagen, W.

890 . 1878. Note on a trip over the Milam Pass, Kumaon; with a description of the Fossils by Dr. Waagen, formerly Palæontologist to the Survey. *Rec. G. S. I.*, XI, 182—187.

Huhn, E.

891 . 1901. Gem Mining in Ceylon. *Eng. Min. Journ.*, LXXI, 204.

Humboldt, Alexander *von*

892—1. 1816. Sur l'Elévation des montagnes de l'Inde. *Ann. Chim. Phys.*, III, 297—317.

—2. 1820. Sur la Limite inférieure des neiges perpetuelles dans les montaignes de l'Himâlaya et les régions équatoriales. *Ann. Chim. Phys.*, XIV, 5—56.

—3. 1830. Ueber die Bergketten und Vulcane von Inner-Asien und über einen neuen vulcanischen Ausbruch in der Andes-Kette. *Pogg. Ann.*, XVIII, 1—18, 319—354; *Edin. N. Phil. Journ.*, XI, 227—240; XII, 145—159; *Journ. de Géologie*, II, 136—173.

—4. 1830. Recherches sur les Systèmes de montagnes et les volcans de l'interieur de l'Asie. *Ann. Chim. Phys.*, XLV, 208—215, 337—348; *As. Journ.*, N. S., IV, Pt. 1, 149—153, 232—240 (Abst., *Glean. Sci.*, III, 330—332).

—5. 1831. Fragmens de Géologie et de Climatologie Asiatiques. 8°, 2 Vols., Paris.

—6. 1843. Asie Centrale. Recherches sur les Chaines de Montagnes et la Climatologie comparée. 8°, 3 Vols., Paris (Review, *Journ. R. Geogr. Soc.*, XII, 269—281; *Bibl. Univ.*, N. S., XLIX, 311—331, P. C.).

—7. 1845. [Rem arks on the height of the snow-line in the Himalaya.] *Cosmos*, I, 358, 483—484; SABINE'S *Translation*, I, 329, 464—466 (Abst., *Edin. N. Phil. Journ.*, XXXIX, 390—391).

Hume, *Sir* A., *see* de Bournon, *Comte*, 448—4.

NATIONAL ARCHIVES OF INDIA

Hume, A. O.

893 . 1876. The Laccadives and the West Coast. *Stray Feathers*, IV, 413—483 (Abst., *Geogr. Mag.*, IV, 104).

———, *see* **Blanford, W. T., 151.**

———, *see* **Henderson, G., 815.**

Hunter, Alex.

894—1. 1850. On the Improvements which have been made in the Pottery of India, showing the results of a series of Experiments tried at Chingleput. *Ind. Journ. Arts*, Ser. 1, 93—104, 159—168.

—2. 1850. [Note on gypsum and pottery clays near Madras.] *Ind. Journ. Arts*, Ser. 1, 134—136.

—3. 1850. Note on Natural Yellow Ochers. *Ind. Journ. Arts*, Ser. 1, 180—183.

—4. 1850. On the Indications of Coal in India. *Ind. Journ. Arts*, Ser. 1, 208—213.

—5. 1850. List of articles from the .... Mineral Kingdom, the produce of the Madras Presidency. *Ind. Journ. Arts*, Ser. 1, 249—261.

—6. 1851. Report, etc., upon the Mineral Products of the Madras Presidency sent to the Great National Exhibition of 1851. *Ind. Journ. Arts*, Ser. 1, 431—444.

—7. 1851. Geological Excursions near Madras. *Ind. Journ. Arts*, Ser. 1, 568.

—8. 1851. [On deposits of gypsum near Madras.] *Ind. Journ. Arts*, Ser. 1, 580—584.

—9. 1851. The Resources of the Madras Presidency. *Ind. Journ. Arts*, Ser. 1, 636—639.

—10. 1852. Polishing Slate. *Ind. Journ. Arts*, Ser. 1, 674.

—11. 1855. [Notes on a collection of clays, etc., from Dibrughur, Upper Assam.] *Journ. A. S. B.*, XXIV, 726—728.

NATIONAL ARCHIVES OF INDIA

Hunter, Alex.—*contd.*

894—12. 1856. The Fossil Records of Creation in Southern India. *Ind. Journ. Arts*, Ser. 2, 1—9, 41—45, 95—102, 137—140.

—13. 1856. Geological Excursion at Bangalore. *Ind. Journ. Arts*, Ser. 2, 25—27.

—14. 1856. Abstracts of a 10 years' correspondence regarding the resources of India. *Ind. Journ. Arts*, Ser. 2, 27—28, 50—76.

—15. 1862. The Ahtoor Ghaut and the ascent to the Shevaroy Hills from Madras. *Edin. N. Phil. Journ.*, N. S., XVI, 161—162.

—16. 1871. On Coal in South India. *Ind. Economist*, II, 184—187, 210.

—17. 1871. Report on the search made in several quarters in Southern India for indications of coal. *Ind. Economist*, III, 75—76.

—18. 1875. Metal-work among the Hindoos. *Art Journal*, N. S., XIV, 45—48, 149—151 (Abst., *Journ. I. S. Inst.*, IX, 245—246, 617—618).

Hunter, *Rev.* R., *see* **Hislop, *Rev.* S., 843.**

Hunter, W.

895—1. 1799. Narrative of a journey from Agra to Oujein. *As. Res.*, VI, 7—76; *As. Ann. Reg.*, II, *Misc. Tracts*, 277—314.

—2. 1829. Analysis of the Water drawn from a Well in Fort William, at the depth of 70 feet from the Surface. *Glean. Sci.*, I, 103—105.

Hunter, *Sir* W. W.

896—1. 1872. Orissa. 8°, 2 Vols., London (Geological Account, Vol. 2, App. V, 161—173, W. T. B.).

—2. 1875—1877. A statistical account of Bengal. 8°, 20 Vols., London.

NATIONAL ARCHIVES OF INDIA

Hunter, *Sir* W. W.—*contd.*

896—3. 1879. A statistical account of Assam. 8°, 2 Vols., London.

—4. 1881. The Imperial Gazetteer of India. 8°, 9 Vols., London, 2nd. Edn. (1885-1887), 14 Vols., London.

Huntington, Ellsworth

897—1. 1905. A Geologic and Physiographic Reconnaissance in Central Turkestan. *Carnegie Inst.*, No. 26, 157—216.

—2. 1905. The Basin of Eastern Persia and Sistan. *Carnegie Inst.*, No. 26, 217—317 (Abst., *Scot. Geogr. Mag.*, XXI, 379—385).

—3. 1905. The Depression of Sistan in Eastern Persia. *Bull. Amer. Geogr. Soc.*, XXXVII, 271—281.

—4. 1906. The Vale of Kashmir. *Bull. Amer. Geogr. Soc.*, XXXVIII, 657—682.

—5. 1906. The Rivers of Chinese Turkestan and the Dessication of Asia. *Geogr. Journ.*, XXVIII, 352—367.

—6. 1906. Pangong: A Glacial Lake in the Tibetan Plateau. *Journ. Geol.*, XIV, 599—617 (Abst., *Geogr. Journ.*, XXIX, 456—457; *Scot. Geogr. Mag.*, XXIII, 206; *Globus*, XCI, 34; *Neu. Jahrb. f. Min.*, 1908, II, *Ref.* 342, Johnsen; *Peterm. Mitth.*, LV, *Litt.* 48, Hess).

—7. 1907. The Pulse of Asia. A Journey in Central Asia illustrating the Geographic Basis of History. 8°, 415 pp., London (Review, *Nature*, LXXVII, 314, G. A. J. Cole; *Geogr. Journ.*, XXXIII, 490—491; *Scot. Geogr. Mag.*, XXIV, 202—206).

Husband, R. H.

898 . 1915. Laying out a Shaft Bottom for an Indian Colliery. *Trans. Min. Geol. Inst. Ind.*, IX, 127—134.

Hutchinson, C. H.

899 . 1839. Report on the new Tenasserim Coal Field. *Journ. A. S. B.*, VIII, 390—393.

NATIONAL ARCHIVES OF INDIA

Hutton, T.

900—1. 1837. [On the geological exploration of the Spiti Valley.] *Journ. A. S. B.*, VI, 897—898.

—2. 1837. Journal of a Trip to the Burenda Pass in 1836. *Journ. A. S. B.*, VI, 901—938.

—3. 1838. [Note on the geology of the Spiti Valley.] *Journ. A. S. B.*, VII, 667—668.

—4. 1839. Journal of a trip through Kunawar, Hungrung, and Spiti, undertaken in the year 1838, under the patronage of the Asiatic Society of Bengal, for the purpose of determining the geological formation of those districts. *Journ. A. S. B.*, VIII, 901—950; IX, 489—513, 555—581.

—5. 1841. Geological Report on the Valley of the Spiti, and of the Route from Kotghur. *Journ. A. S. B.*, X, 198—229.

—6. 1842. Remarks on the Calcutta Delta. *Cal. Journ. Nat. Hist.*, II, 542—560.

—7. 1844. Correction of the erroneous doctrine that the Snow lies longer and deeper on the Southern, than on the Northern aspect of the Himalayas. *Cal. Journ. Nat. Hist.*, IV, 275—283; V, 379—383; VI, 56—59.

—8. 1846. Notes on the Geology and Mineralogy of Affghanistan. *Cal. Journ. Nat. Hist.*, VI, 562—611.

—9. 1849. Remarks on the Snow Line in the Himalaya. *Journ. A. S. B.*, XVIII, 954—966; *Edin. N. Phil. Journ.*, L, 93—103.

Huxley, J.

901 . 1830. Sketch of the Geology of the Bhartpur District. *Glean. Sci.*, II, 143—147.

Huxley, T. H.

902—1. 1861. [Observations on some Reptilian Remains from North-Western Bengal.] *Quart. Journ. Geol. Soc.*, XVII, Pt. 1, 362 (Abst., *Geologist*, IV, 209; *Phil. Mag.*, Ser. 4, XXI, 537; *Neu. Jahrb. f. Min.*, 1862, 633).

NATIONAL ARCHIVES OF INDIA

Huxley, T. H.—*contd.*

902—2. 1865. Vertebrate Fossils from the Panchet Rocks. *Pal. Indica*, Ser. IV, I, Pt. 1, 3—24.

—3. 1869. On Hyperodapedon. *Quart. Journ. Geol. Soc.*, XXV, 138—152.

—4. 1869. On the Classification of the Dinosauria, with observations on the Dinosauria of the Trias:—Dinosauria from the Trias of the Ural Mountains and India. *Quart. Journ. Geol. Soc.*, XXVI, 48.

Hyde, F. S.

903 . 1908. Some Characteristics of Natural Graphite. *Eng. Min. Journ.*, LXXXV, 255—256.

Hyman, H., *see* **Soddy, F., 1673.**

I

Immanuel, F.—

904 . 1893. Tschitral, Jassin, und Kunjut. *Peterm. Mitth.*, XXXIX, 181—186.

Impey, E.

905—1. 1855. Memoir on the Physical Character of the Nerbudda River and Valley; with remarks on the practicability of the River being rendered a Navigable Stream. Also a descriptive detail of the Mineral Resources of the Nerbudda Valley; and an Analysis of the past Correspondence of Government, on the subject of the Coal Beds in its vicinity. *Sel. Rec. Bo. Govt.*, N. S., XIV, 1—145.

—2. 1856. Description of the Caves of Bágh, in Ràth. *Journ. Bo. As. Soc.*, V, 543—573.

—3. 1861. Discovery of Ammonitiferous Limestone near Jeyselmeer in the Great Desert, etc. *Journ. Bo. As. Soc.*, VI, 161—162.

Ince, R.

906 . 1845. [Note accompanying Specimens from the Hot Springs of Chittagong.] *Journ. A. S. B.*, XIV, *Proc.* xxiii.

NATIONAL ARCHIVES OF INDIA

Inglis, J. W.

907 . 1897. Notes on some Earthquakes in India. *Proc. Roy. Soc. Edinb.*, XXI, 506—509.

Inglis, W. A.

908 . 1909. Some of the Problems set us by the Rivers of Bengal. *Journ. A. S. B.*, N. S., V, 393—405.

Inverarity, J. D.

909 . 1861. Report on the Rise, Progress, and Results of the late Flood or Overflow of the Indus, which endangered the Towns of Shikarpoor and Jacobabad. *Trans. Bo. Geogr. Soc.*, XVI, 48—55.

Irvine, R. H.

910—1. 1841. Some account of the general and medical topography of Ajmeer. 8°, 211 pp., Calcutta.

—2. 1848. A few observations on the probable results of a Scientific research after Metalliferous deposits in the Sub-Himalayan ranges around Darjeeling. *Journ. A. S. B.*, XVII, 137—144.

Irving, A.

911 . 1887. Glaciated and Facetted Boulders in the Punjab. *Geol. Mag.*, Dec. 3, IV, 190—191.

Irwin, ——

912 . 1839. Memoir on the Climate, Soil, Produce and Husbandry of Afghanistan and the Neighbouring Countries. *Journ. A. S. B.*, VIII, 745—776, 779—804, 869—900, 1005—1015; IX, 33—65, 189—197.

J

J. ——, C.

913—1. 1830. On Boring for Overflowing Springs. *Glean. Sci.*, II, 67—68.

—2. 1830. On the best method of procuring a Plentiful Supply of Wholesome Water, in the Vicinity of Calcutta. *Glean. Sci.*, II, 237—242.

NATIONAL ARCHIVES OF INDIA

J. ——, D. G.

914 . 1830. On the Temperature of Wells. *Glean. Sci.*, II, 131—132.

J. ——, F.

915 . 1811. Encroachment of the Sea on the Beach at Madras. *As. Ann. Reg.*, X, 650.

J. ——, L. D'A.

916 . 1885. Indian Steel. *Journ. Sci.*, Ser. 3, VII, 710—719.

Jack, A.

917—1. 1841. [Geological Notes on the country between Neemuch and Ferozepore.] *Cal. Journ. Nat. Hist.*, I, 555—557.

—2. 1844. [On the Snow-line in the Himalaya.] *Cal. Journ. Nat. Hist.*, IV, 455—458.

Jack, R. Logan

918 . 1902. The Lung-Kiang, Taiping, and Kinsha Rivers. *Geogr. Journ.*, XX, 111—113.

Jack, W.

919 . 1820. Extract from a letter to H. T. Colebrooke, Esq., containing a Notice respecting the Rocks of the Islands of Penang and Singapore. *Geol. Trans.*, Ser. 2, I, 165—166.

Jackson, C. T.

920 . 1861. Sur un aérolithe tombé à Dhurmsalla daus l'Inde. *C. R. Ac. Sci.*, LIII, 1018—1019; *Pogg. Ann.*, CXV, 175.

Jackson, F. E.

921 . 1908. Note on the quarrying of Corundum (Mawshinrut) in the North-West Khasi Hills. *Rec. G. S. I.*, XXXV, 323—324 (Abst., *Journ. Soc. Chem. Ind.*, XXVII, 505).

Jackson, Welby.

922 . 1845. Memorandum on the Iron works of Beerbhoom. *Journ. A. S. B.*, XIV, 754—756.

Jacob, A. A.

923—1. 1854. Account of a Reconnaissance of the Nerbudda Valley in Central India. *Journ. Geol. Soc. Dublin*, VI, 183—186.

NATIONAL ARCHIVES OF INDIA

Jacob, A. A.—*contd.*

923—2. 1855. Report on the Iron and Coal Districts of the Nerbudda Valley, from Poonassa to Jubbulpore. *Sel. Rec. Bo. Govt.*, N. S., IX, 42—48; XIV, 136—141.

Jacob, G. Le Grand

924—1. 1840. Report on the Iron of Kattywar, its Comparative Value with British Metal, the Mines, and Modes of Smelting the Ore. *Journ. R. As. Soc.*, VII, 98—104; *Sel. Rec. Bo. Govt.*, N. S., XXXVII, 465—471 (Abst., *As. Journ.*, N. S., XXXIV, Pt. 2, 67—68).

—2. 1846. Report .... upon the General Condition .... of the Province of Katteewar, and containing various points of information, principally of a Geographical and Statistical nature, connected with that interesting Province. *Trans. Bo. Geogr. Soc.*, VII, 1—96; *Sel. Rec. Bo. Govt.*, N. S., XXXVII, 1—40.

—3. 1863. Letter prefacing extract from journal of a trip from Sind to Kutch in 1852. *Trans. Bo. Geogr. Soc.*, XVI, xxxi—xxxiv.

—4. 1863. Extract from Journal of a trip to Sind from Kutch in 1852. *Trans. Bo. Geogr. Soc.*, XVI, 22—29.

—5. 1863. Extracts from a Journal kept during a Tour made in 1851 through Kutch, giving some account of the Alum Mines of Murrh, and of changes effected in 1844 by a series of Earthquakes, that appear hitherto to have escaped notice. *Trans. Bo. Geogr. Soc.*, XVI, 56—66.

Jacob, J.

925. 1857. Report on the Upper Portion of the Eastern Narra, its Sources of Supply, and the feasibility of restoring it as a permanent stream. *Sel. Rec. Bo. Govt.*, N. S., XLV, 1—105.

Jacquemont, V.

926—1. 1832. Extrait de plusieurs lettres de M. V. Jacquemont, voyageur naturaliste du Muséum, en Mission aux Indes Orientales. *Nouv. Ann. du Mus.*, I, 135—152, 473—476.

NATIONAL ARCHIVES OF INDIA

Jacquemont, V.—*contd.*

926—2. 1833. Correspondance de Victor Jacquemont avec sa famille et plusieurs de ses amis, pendant son voyage dans l'Inde (1828—1832). 8°, 2 Vols., Paris; *English Translation*, 8°, 2 Vols., London (1834) (Abst. *Bull. Soc. Géol., France*, Ser. 1, III, lxi—lxii).

—3. 1841. Voyage dans l'Inde pendant les années 1828 à 1832. 4°, 4 Vols., and Atlas, Paris (Abst., *Bull. Soc. Géogr.* XVI, 42—45; XVII, 302—303).

Jakób, W., *and* Tolloczko, St.

927 . 1911. Chemische Analyse des Thorianites von Ceylon. *Anz. Akad. Wiss. Krakau*, 558—563 (Abst., *Journ. Chem. Soc.*, CII, Pt. 2, 172, L. deK.; *Neu. Jahrb. f. Min.*, 1912, II, 184—185, M. Bauer).

James, ————

928 . 1853. Mean Result of three Analyses of Laterite from Burmah. *Journ. A. S. B.*, XXII, 198.

James, J. W.

929 . 1857. Boring for Water at the Red Hills, Madras. *Ind. Journ. Arts*, Ser. 2, 162.

Jameson, R.

930 . 1832. On the Graphite or Black-Lead of Ceylon. *Edin. N. Phil. Journ.*, XIII, 346—347.

Jameson, W.

931—1. 1839. Remarks on the Geology, etc., of the country extending between Bhur and Simla. *Journ. A. S. B.*, VIII, 1037—1057 (Abst., *Edin. N. Phil. Journ.*, XLV, 183—185).

—2. 1842. Extract of a letter to Mr. Clerk [on minerals from Kalabagh]. *Journ. A. S. B.*, XI, 1—4, 94.

—3. 1843. First Report on the effects of the great Inundation of the Indus. *Journ. A. S. B.*, XII, 183—226.

Jamieson, H. W.

932 . 1879. On Beekite from the Punjab, India. *Geol. Mag.*, Dec. 2, VI, 284—286.

NATIONAL ARCHIVES OF INDIA

Jamieson, T. F.

933 . 1863. On the Parallel Roads of Glen Roy, and their place in the History of the Glacial Period. *Quart. Journ. Geol. Soc.*, XIX, 235—259.

Jamsetji, Furdoonji.

934 . 1879. [Note on a specimen of Intertrappean Sandstone from the Sattara Hills, Aurangabad District.] *Journ. Bo. As. Soc.*, XIV, *Proc.*, xxxvi.

Jannasch, P., *and* Locke, J.

935 . 1894. Analyse eines Apatits aus grossblättrigen Graphit von Ceylon. *Zeits. f. Anorg. Chem.*, VII, 154—157 (Abst., *Journ. Chem. Soc.*, LXVIII, Pt. 2, 22, 31, E. C. R.; *Neu. Jahrb. f. Min.*, 1896, I, *Ref.* 29, R. Brauns; *Zeits. f. Kryst.*, XXVI, 635—636, P. Groth).

Jannettaz, E.

936 . 1867. Observations minéralogiques sur quelques minéraux de l'Inde, et en particulier sur la nature de leur coloration. *Bull. Soc. Géol. France*, Ser. 2, XXIV, 682—684.

Jayaram, B.

937—1. 1901. Notes on Geological work in the Hassan District. *Rec. Mysore Geol. Dep.*, II, 131—138.

—2. 1902. Report on Geological work in the Kolar, Bangalore and Mysore Districts during 1900 and 1901. *Rec. Mysore Geol. Dep.*, III, 163—203.

—3. 1905. Summary of Work done during the year 1904-05. *Rec. Mysore Geol. Dep.*, VI, Pt. 2, 43—56.

—4. 1907. Report on the Geological Survey of portions of the Mysore District for the year 1906-07. *Rec. Mysore Geol. Dep.*, VIII, 75—121.

—5. 1910. A Note on the Work done during the Field Season of 1909-1910. *Rec. Mysore Geol. Dep.*, XI, 175—184.

—6. 1912. Report on a Portion of the Closepet Granite and associated Rocks. *Rec. Mysore Geol. Dep.* XII, Pt. 2, 71—108.

NATIONAL ARCHIVES OF INDIA

Jayaram, B.—*contd.*

937—7. 1913. Report on the Preliminary Geological Survey of the South-West Corner of the Mysore District. *Rec. Mysore Geol. Dep.*, XIII, 45—99.

Jenkins, F.

938—1. 1829. An account of some Minerals, collected at Nagpur and its vicinity, with remarks on the Geology, etc., of that part of the Country. *As. Res.*, XVIII, Pt. 1, 195—215 (Abst., *Glean. Sci.*, I, 226—227).

—2. 1835. Further Discovery of Coal Beds in Assam. *Journ. A. S. B.*, IV, 704—705.

—3. 1843. On Mineral Indigo (Vivianite) from Assam. *Cal. Journ. Nat. Hist.*, III, 153.

—4. 1848. Note on Coal at the Foot of the Booteah Hills. *Cal. Journ. Nat. Hist.*, VIII, 277.

—5. 1849. Earthquakes in Assam. *Journ. A. S. B.*, XVIII, 172—175.

———, *see* **Dalton, E. T., 407**—2.

Jenkins, H. L.

939—1. 1869. Notes on the Burmese route from Assam to the Hookoong Valley. *Proc. A. S. B.*, 67—73; *Proc. R. Geogr. Soc.*, XIII, 244—248.

—2. 1870. Notes on a Trip across the Patkoi Range from Assam to the Hookoong Valley. *Proc. A. S. B.*, 230—237; *Journ. R. Geogr. Soc.*, XLI, 342—348.

Jenkins, H. M., *and* **Duncan, P. Martin.**

940 . 1863. On some Tertiary Mollusca from Mount Séla, in the Island of Java .... With a Description of a new Coral from the same locality, and a Note on the Scindian Fossil Corals. *Quart. Journ. Geol. Soc.*, XX, 45—73.

Jenkins, R.

941—1. 1827. Report on the Territories of the Rajah of Nagpore. 4°, Calcutta.

NATIONAL ARCHIVES OF INDIA

Jenkins, R.—*contd.*

941—2. 1838. Announcement of two new Sites of Coal in Assam. *Journ. A. S. B.*, VII, 169—170.

Jennings, S.

942 . 1881. My Visit to the Goldfields in the South-East Wynaad. 8°, 82 pp., London.

Jervis, H.

943 . 1834. Narrative of a Journey to the Falls of the Cauvery; with an Historical and Descriptive Account of the Neilgherry Hills. 8°, 144 pp., London.

Jervis, T. B.

944—1. 1832. On Slate Quarries in the Western Ghats. *Journ. A. S. B.*, I, 514—515.

—2. 1838. Observations on the Remarkable Tides in the Gulf of Cambay. *Journ. R. Geogr. Soc.*, VIII, 202—205.

Jessop & Co.

945 . 1839. Note on the smelting of the Iron Ore of the district of Burdwan. *Journ. A S. B.* VIII, 683—684.

Johansson, H., *see* **Bäckström, H., 59.**

Johnsen, A.

946 . 1908. Sekundäre Zwillingslamellen in Zinnstein [aus dem Staat Selangor]. *Centralbl.*, IX, 426—431.

Johnson, C., *see* **Ainsworth, W., 18.**

Johnson, W. H., *see* **Rawlinson, *Sir* H. C., 1465**—1.

Johnston, J. H.

947—1. 1832. Communication between the Ganges and Hooghly, etc. *Journ. R. Geogr. Soc.*, II, 316—318.

—2. 1841. [Reports on trials of Coal from Mergui.] *Coal Com. Rep.*, 1841, *Appendix* Nos. 2, 12, 13.

NATIONAL ARCHIVES OF INDIA

Johnston, T. M. H.

948 . 1872. Coal in the Nizam's Territory [Berars]. *Ind. Economist*, III, 177.

Johnston, A.

949 . 1855. [Reports on Coal seams in Hoshangabad.] *Sel. Rec. Bo. Govt.*, N. S., XIV, 58—63.

Johnstone, S. J.

950 . 1914. On Monazites from some New Localities. *Journ. Soc. Chem. Ind.*, XXXIII, 55—59 (Abst., *Bull. Imp. Inst.*, XII, 55—60).

———, *see* **Crook, T., 391.**

Joly, J.

951 . 1908. On the Occurrence of Native Iron in the Deccan Basalt. *Rep. Brit. Assoc.*, LXXVIII, 703 (*Title only*).

Jones, B. Mouat, *see* **Dunstan, W. R., 516.**

Jones, E. J.

952—1. 1885. Notes on the Kashmir Earthquake of 30th May 1885. *Rec. G. S. I.*, XVIII, 153—155.

—2. 1885. Report on the Kashmir Earthquake of 30th May 1885. *Rec. G. S. I.*, XVIII, 221—227 (Abst., *Peterm. Mitth.*, XXXII, *Litt.* 83, Supan).

—3. 1887. The Southern Coal-fields of the Satpura Gondwana Basin. *Mem. G. S. I.*, XXIV, 1—58 (Abst., *Neu. Jahrb. f. Min.*, 1894, I, *Ref.* 125—127, K. Futterer; *Peterm. Mitth.*, XXXV, *Litt.* 52, Supan).

—4. 1887. Notes on Upper Burma. *Rec. G. S. I.*, XX, 170—194 (Abst., *Peterm. Mitth.*, XXXIV, *Litt.* 74, Supan).

—5. 1887. On some Nodular Stones obtained by trawling off Colombo in 675 Fathoms of Water. *Journ. A. S. B.*, LVI, Pt. 2, 209—212.

—6. 1888. Examination of Nodular Stones obtained by trawling off Colombo. *Rec. G. S. I.*, XXI, 35—37.

NATIONAL ARCHIVES OF INDIA

Jones, E. J.—*contd.*

952—7. 1889. Note on a Cobaltiferous Matt from Nepal. *Rec. G. S. I.*, XXII, 172—173.

Jones, H. Cecil

953 . 1908. Note on Barytes occurring at Narravada, Nellore District. *Rec. G. S. I.*, XXXVI, 233.

Jones, M.

954 . 1856. [Experiments with the Coal of Thayetmyo.] *Sel. Rec. Govt. India*, X, 69—70.

Jones, T. Rupert

955—1. 1859. Note on Fossil *Cypridæ* from Nagpur. *Quart. Journ. Geol. Soc.*, XVI, Pt. 1, 186—187.

—2. 1862. A Monograph of the Fossil Estheriæ. Palæont. Soc., XIV, London.

—3. 1862. On Fossil *Estheriæ* and their Distribution. *Quart. Journ. Geol. Soc.*, XIX, 140—157.

—4. 1863. On the Fossil Estheriæ. *Nat. Hist. Rev.*, N. S., III, 262—276.

—5. 1905. Note on a Triassic *Estheriella* from the Malay Peninsula. *Geol. Mag.*, Dec. 5, II, 50—52 (Abst., *Geol. Centralbl.*, VI, 567, H. A. A.).

————, *see* **Hislop, *Rev.* S., 844.**

Jones, W.

956—1. 1829. Description of the North-West Coal District, stretching along the River Damuda, from the neighbourhood of Jeria or Juriagarh, to below Sanampur, in the Pergunnah of Sheargerh, forming a line of about sixty-five miles. *As. Res.*, XVIII, Pt. 1, 163—170; *Glean. Sci.*, I, 261—263.

—2. 1829. Some Particulars regarding the Mineral Productions of Bengal. *Glean. Sci.*, I, 281—286.

—3. 1829. Remarks on Cancar [Kankar]. *Glean. Sci.*, I, 365—367.

NATIONAL ARCHIVES OF INDIA

Jones, W.R.

957—1. 1914. On the supposed case of Tin *in statu nascenti* in the Malay Peninsula. Geol. Mag., Dec. 6, I, 537—541.

—2. 1915. The Geology and Mining Industries of the Ulu Selangor and Kuala Selangor Districts. Fol., Kuala Lumpur.

—3. 1915. Clays of Economic Importance in the Federated Malay States. Fol., Kuala Lumpur.

—4. 1915. The Origin of the Tin-ore Deposits of Kinta District, Perak (Federated Malay States) (Abst., Geol. Mag., Dec. 6, II, 381—382).

Jousseaume, ————

958 . 1892. Sur la perforation des roches basaltiques du golfe d'Aden par des galets. Formation d'une marmite des Géants. *C. R. Ac. Sci.*, CXV, 1342—1343.

Jouville, ————

959 . 1806. Note....sur la minéralogie de l'isle de Ceylan. *Bibl. Brit.*, XXXII, *Sci.*, 282—285; *Phil. Mag.*, XXVI, 169—171.

Judd, J. W.

960—1. 1893. On a Meteorite which fell near Jafferabad in India on April 28, 1893. *Nature*, XLIX, 32—33.

—2. 1894. On the Structure-planes of Corundum. *Mineral. Mag.*, XI, 49—55 (Abst., *Amer. Journ. Sci.*, Ser. 4, I, 323).

—3. 1895. On some simple Massive Minerals (Crystalline Rocks) from India and Australia. *Mineral. Mag.*, XI, 56—63 (Abst., *Journ. Chem. Soc.*, LXXII, Pt. 2, 414, L. J. S.; *Nature*, LI, 431; *Zeits. f. Kryst.*, XXVIII, 208—210, C. Hintze).

————, *see* **Brown, C., Barrington, 208.**

Jung, E.

961 . 1891. Das Pandschab. *Zeits. Ges. f. Erdk.*, XXVI, 1—65.

NATIONAL ARCHIVES OF INDIA

K

Kalecsinszky, Alex.

962 . 1899. Die wissenschaftliche Ergebnisse der Reise des Grafen Béla Széchenyi in Ostasien.—Quantitative analyse einer tibetanischen Goldprobe.—Vol. III, Pt. 3, 385.

Kalikishen, Raja, *and* Prinsep, J.

963 . 1832. Oriental Accounts of the Precious Minerals. *Journ. A. S. B.*, I, 353—363.

Kaye, C. T.

964—1. 1840. Observations on the Fossiliferous beds near Pondicherry and in the district of South Arcot. *Mad. Journ. Lit. Sci.*, XII, 37—42 ; *Cal. Journ. Nat. Hist.*, II, 225—230.

—2. 1842. Further observations on the fossiliferous beds near Pondicherry, in continuation of a paper which appeared in the Madras Journal of Literature and Science for July 1840. *Cal. Journ. Nat. Hist.*, II, 231—237.

—3. 1842. Letter to the Secretary, Geological Society of London, " On a Collection of Fossils discovered by the writer in Rocks in Southern India." *Proc. Geol. Soc.*, III, 792—793 ; *Ann. Mag. Nat. Hist.*, XI, 482—483 ; *Neu. Jahrb. f. Min.*, 1844, 767.

—4. 1843. Observations on certain Fossiliferous Beds in Southern India. *Geol. Trans.*, Ser. 2, VI , 85—88 (Abst., *Proc. Geol. Soc.*, IV, 204—206 ; *Phil. Mag.*, Ser. 3, XXIV, 231—232 ; *Bibl. Univ.*, N. S., LII, 195—196, I. M. ; *Neu. Jahrb. f. Min.*, 1849, 116—118).

—5. 1844. Further observations on the Pondicherry Fossils. *Mad. Journ. Lit. Sci.*, XIII, Pt. 1, 147—153, 211—212.

————, *see* **Egerton, *Sir* P. deM. G., 533**—1.

————, *see* **Forbes, E., 598**—1,—2.

————, *see* **McClelland, J., 1117**—23.

NATIONAL ARCHIVES OF INDIA

Kaye, E.

965 . 1879. The Mountain Passes leading to the Valley of Bamian. *Proc. R. Geogr. Soc.*, N. S., I, 244—259.

Keatinge, R. H.

966—1. 1848. Report on the practicability of Navigating the River Nerbudda between Hindia and the Falls of Dharee. *Trans. Bo. Geogr. Soc.*, VIII, 174—176.

—2. 1857. Neocomien Fossils from Bagh and its neighbourhood. *Journ. Bo. As. Soc.*, V, 621—624.

—3. 1872. Iron Ores in the Central Provinces, India. *Coll. Guard.*, XXIV, 284.

—4. 1877. Record of the Occurrence of Earthquakes in Assam during the years 1874, 1875, 1876. *Journ. A. S. B.*, XLVI, Pt. 2, 294—309.

—5. 1878. Record of the Occurrence of Earthquakes in Assam during 1877. *Journ. A. S. B.*, XLVII, Pt. 2, 4—11.

Keatinge, R. H., *and* Evans, H. L.

967 . 1847. Report on a Passage made on the Nurbudda River, from the Falls of Dharee to Mundlaisir, and of a similar passage from Mundlaisir to Baroach. *Journ. A. S. B.*, XVI, 1104—1112.

Keene, H. G.

968 . 1873. Note on the stone industries of Agra. 8°, 18 pp., Mirzapore.

Keith, A.

969 . 1891. An Account of a Journey across the Malay Peninsula from Koh Lak to Mergui. *Journ. Str. As. Soc.*, XXIV, 31—41.

Kelaart, E. F.

970 . 1849. Notes on the Geology of Ceylon. Laterite Formation. —Fluviatile Deposit of Nuwara Eliya. *Journ. Ceyl. As. Soc.*, II, Pt. 1, 210—219; *Edin. N. Phil. Journ.*, LIV, 28—35.

NATIONAL ARCHIVES OF INDIA

Kellas, A. M.

971 . 1912. The Mountains of Northern Sikkim and Garhwal. *Alp. Journ.*, XXVI, 113—142; *Geogr. Journ.*, XL, 241—263.

Kellerschon, J., *see* **Fermor, L. L., 573.**

Kellie, J.

972 . 1870. The Chendamungalum Hills. SHORTT'S *Hill Ranges of S. India*, Pt. 2, 89—93.

Kellner, W.

973 . 1894. Report on a Sample of Wolfram from Chumor, Batang Padang. *Perak Mus. Notes*, I, No. 3, 75—78; II, 19—34, 81—88.

Kelly, P.

974 . 1869. The Subathoo and Pattialah Mines, near Subathoo, Himalaya Mountains. *Min. Journ.*, XXXIX, 59—60.

Kelsall, H. J., *see* **Lake, H. W., 1024.**

Kelsall, J.

975 . 1872. Manual of the Bellary District. 8°, 390 pp., Madras (Chap. VI, Geology and Mineralogy).

Kendall, B.

976 . 1861. Report on the "Maghassani" Hill, situated in the Territory of the Rajah of Moharbhanj, in Latitude 21° 38′ North and Longitude 86° 24′ East. *Sel. Rec. Beng. Govt.*, XXXVI, 19—23, 31—33.

Kenelly, D. J.

977 . 1864. Notes on the Earthquake of the 29th April 1864 in the North-Western part of the Bombay Presidency. *Trans. Bo. Geogr. Soc.*, XVII, 288—301.

Kennedy, Alex.

978—1. 1821. Notice regarding the Working and Polishing of Granite in India. *Edin. Phil. Journ.*, IV, 349—351.

NATIONAL ARCHIVES OF INDIA

Kennedy, Alex.—*contd.*

978—2. 1823. On the means used in the Working and Polishing of Granite in Hindostan. *As. Journ.*, XV, 63, 120.

—3. 1826. Notice respecting the Working and Polishing of Granite in India. *Edin. Journ. Sci.*, IV, 281—282.

Kennedy, R. G.

979 . 1887. Report on Kil'h Abdulla Karez or "Jara Karez." *Sel. Rec. Govt. India*, CCXXXI, 1—2, 10—11.

Kennedy, R. H.

980 . 1827. Extract of a letter on the Cornelians, etc., of Guzeratte. *Trans. Med. Phys. Soc. Calcutta.* III, 425—428.

Kenngott, A.

981 . 1850. Ueber Poonalith. *Haidinger's Berichte*, VII, 189—190 (Abst., *Neu. Jahrb. f. Min.*, 1854, 78).

Kerr, ————

982 . 1833. [On specimens of copper ore from Nellore.] *Journ. A. S. B.*, II, 94—95.

Kilburn & Co.

983 . 1911. Artesian Well-Boring. *Trans. Min. Geol. Inst. Ind.*, VI, 72—80.

King, J. S.

984 . 1877. Descriptive and Historical Account of the British Outpost of Perim, Straits of Bab-el-Mándeb. *Sel. Rec. Govt. India*, CXLIX, 1—26.

King, M.

985 . 1875. Report on Experiments on Briquettes of Cement for Narora Weir. *Prof. Papers Ind. Eng.*, Ser. 2, IV, 333—347.

King, W. (1)

986—1. 1872. Correction regarding the supposed Eozoonal Limestone of Yellambile. *Rec. G. S. I.*, V, 122.

—2. 1873. The Microscopic Characters of a Silo-carbacid Rock from Ceylon; and their bearing on the Methylotic Origin of the Laurentian "Limestones." *Geol. Mag.*, Dec. 1, X, 19—24.

NATIONAL ARCHIVES OF INDIA

King, W. (2)—

987—1. 1858. On the occurrence of Crystalline Limestone in the vicinity of Trichinopoly. *Mad. Journ. Lit. Sci.*, N. S., IV, 272—273.

—2. 1865. An account of the "Kolymullays" one of the mountain masses in the Salem district of the Madras Presidency: to which are appended some personal observations regarding Climate, Fever, etc., with generalizations thereon. *Mad. Quart. Med. Journ.*, VIII, 266—282; SHORTT'S *Hill Ranges of S. India*, Pt. 2, 71—88.

—3. 1866. Note on the occurrence of Stone Implements in North Arcot District. *Mad. Journ. Lit. Sci.*, Ser. 3, Pt. 2, 36—42.

—4. 1866. An account of parts of the Nullamullays, a range of mountains in the Kurnool District. *Mad. Journ. Lit. Sci.*, Ser. 3, Pt. 2, 63—106.

—5. 1867. [Remarks on Stone Implements from the Kurnool District.] *Proc. A. S. B.*, 139—142.

—6. 1869. On the Kuddapah and Kurnool Formations. *Rec. G. S. I.*, II, 5—10.

—7. 1872. On the Kadapah and Karnul Formations in the Madras Presidency. *Mem. G. S. I.*, VIII, i—v+1—313 (Abst., *Geol. Mag.*, Dec. 1, X, 27—28).

—8. 1872. Notes on a Traverse of parts of the Kummumet and Hanamconda Districts in the Nizam's Dominions. *Rec. G. S. I.*, V, 46—55.

—9. 1872. Notes on a new Coal-field in the south-eastern part of the Hyderabad (Deccan) Territory. *Rec. G. S. I.*, V, 65—69.

—10. 1872. Note on a possible field of Coal Measures in the Godavari District, Madras Presidency. *Rec. G. S. I.*, V, 112—114.

NATIONAL ARCHIVES OF INDIA

King, W.—*contd.*

987—11. 1873. Note on the Barakars (Coal-Measures) in the Beddadanole Field, Godavari District. *Rec. G. S. I.*, VI, 57—59.

—12. 1874. Note of the progress of Geological investigation in the Godavari District, Madras Presidency. *Rec. G. S. I.* VII, 158—160.

—13. 1875. Preliminary note on the Gold-fields of south-east Wynad, Madras Presidency. *Rec. G. S. I.*, VIII, 29—45 (Abst., *Journ. Sci.*, Ser. 2, VII, 427—428).

—14. 1877. Note on the rocks of the Lower Godavari. *Rec. G. S. I.*, X, 55—63.

—15. 1877. Notes of a pre-historic Burial-place with cruciform Monoliths near Mungapet in the Nizam's Dominions. *Proc. A. S. B.*, 189—191 (*Abstract*).

—16. 1878. Note on the progress of the Gold Industry in Wynad, Nilgiri District, Madras Presidency. *Rec. G. S. I.*, XI, 235—246.

—17. 1880. The Gneiss and Transition Rocks and other Formations of the Nellore portion of the Carnatic. *Mem. G. S. I.*, XVI, 109—194 (Abst., *Journ. I. S. Inst.*, XVII, 727—728).

—18. 1880. The Upper Gondwanas and other Formations of the Coastal Region of the Godavari District. *Mem. G. S. I.*, XVI, 195—264 (Abst., *Journ. I. S. Inst.*, XVII, 728—729).

—19. 1880. Additional Notes on the Geology of the Upper Godavari basin in the neighbourhood of Sironcha. *Rec. G. S. I.*, XIII, 13—25.

—20. 1880. On the Artesian Wells at Pondicherry, and the possibility of finding such sources of water-supply at Madras. *Rec. G. S. I.*, XIII, 113—152.

—21. 1880. Additional Note on the Artesian Wells at Pondicherry. *Rec. G. S. I.*, XIII, 194—197.

NATIONAL ARCHIVES OF INDIA

King, W.—*contd.*

987—22, 1880. Des puits artésiens à Pondichéry, et la possibilité de découvrir des sources semblables à Madras. 8°, Pondichéry.

—23. 1881. The Geology of the Pranhita-Godavari Valley. *Mem. G. S. I.*, XVIII, 151—311 (Abst., *Neu. Jahrb. f. Min.*, 1883, I, *Ref.* 51—52, W. W.).

—24. 1881. The Gold Fields, and the Quartz-outcrops of Southern India. *Rep. Brit. Assoc.*, LI, 639—640; *Nature*, XXIV, 473 (*Abstracts*).

—25. 1882. General sketch of the Geology of the Travancore State. *Rec. G. S. I.*, XV, 87—93.

—26. 1882. The Warkilli Beds and reported associated deposits at Quilon, in Travancore. *Rec. G. S. I.*, XV, 93—102.

—27. 1882. Record of Borings for Coal at Beddadanol, Godavari District, in 1874. *Rec. G. S. I.*, XV, 202—207.

—28. 1883. The Singareni Coal-field, and others adjacent to, or in the Madras Presidency. Being the substance of a Lecture delivered at the Government Museum, Madras. 30th of August, 1883, 8°, Madras; *Min. Journ.*, LIV, 344, 382.

—29. 1884. Considerations on the Smooth-water Anchorages, or Mud Banks of Narrakal and Alleppy on the Travancore Coast. *Rec. G. S. I.*, XVII, 14—27.

—30. 1884. On the selection of Sites for Borings in the Raigarh—Hingir Coal-field, First notice. *Rec. G. S. I.*, XVII, 123—130; *Min. Journ.*, LIV, 1230.

—31. 1884. Notes on Auriferous Sands of the Subansiri river;—Pondicherry Lignite; and Phosphatic Rocks at Musuri. *Rec. G. S. I.*, XVII, 192—199 (Abst., *Journ. I. S. Inst.*, XXV, 306—307; *Min. Journ.*, LV, 100).

—32, 1885. Sketch of the Progress of Geological work in the Chhatisgarh Division of the Central Provinces. *Rec. G. S. I.*, XVIII, 169—200 (Abst., *Peterm. Mitth.*, XXXII, *Litt.* 82, Supan).

NATIONAL ARCHIVES OF INDIA

King, W.—*contd.*

987—33. 1886. Geological Sketch of the Vizagapatam District, Madras. *Rec. G. S. I.*, XIX, 143—156 (Abst., *Peterm. Mitth*, XXXII, *Litt.* 126, Supan).

—34. 1886. Memorandum on the Malanjkhandi copper ore, in the Balaghat District, Central Provinces. *Rec. G. S. I.*, XIX, 165—166.

—35. 1886. Boring exploration in the Chhatisgarh Coal-fields. *Rec. G. S. I.*, XIX, 210—234 (Abst., *Journ. I. S. Inst.*, XXIX, 350—351).

—36. 1886. Statistical Atlas of India, Chap. II.—Geology, pp. 9—10.

—37. 1887. The Retirement of Mr. Medlicott. *Rec. G. S. I.*, XX, 121—122.

—38. 1887. Boring Exploration in the Chhatisgarh Coal-fields. *Rec. G. S. I.*, XX, 194—202.

—39. 1888. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1887. *Rec. G. S. I.*, XXI, 1—6.

—40. 1889. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1888. *Rec. G. S. I.*, XXII, 1—12.

—41. 1889. Abstract Report on the Coal outcrops in the Sharigh Valley, Baluchistan. *Rec. G. S. I.*, XXII, 149—153.

—42. 1889. Note on the Discovery of Trilobites by Dr. H. Warth in the Neobolus beds of the Salt-Range. *Rec. G. S. I.*, XXII, 153—157 (Abst., *Amer. Geol.*, V, 183).

—43. 1889. Provisional Index of the Local Distribution of Important Minerals, Miscellaneous Minerals, Gem Stones and Quarry Stones in the Indian Empire. *Rec. G. S. I.*, XXII, 237—286; XXIII, 130—203.

—44. 1890. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1889. *Rec. G. S. I.*, XXIII, 1—9.

NATIONAL ARCHIVES OF INDIA

King, W.—*concld.*

987—45. 1890. [Note on the Barisal Guns.] *Proc. A. S. B.*, 10.

—46. 1891. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1890. *Rec. G. S. I.*, XXIV, 1—14.

—47. 1891. Death of Dr. P. Martin Duncan, M.B. *Rec. G. S. I.*, XXIV, 153—154.

—48. 1892. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1891. *Rec. G. S. I.*, XXV, 1—13.

—49. 1893. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1892. *Rec. G. S. I.*, XXVI, 1—14.

—50. 1893. Note on flaked and chipped stones from Kon in the Mirzapur District. *Proc. A. S. B.*, 53—54.

—51. 1894. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1893. *Rec. G. S. I.*, XXVII, 1—12.

————, *see* **Foote, R. Bruce, 596**—2.

————, *see* **Gribble, J. D. B., 707**—1.

————, *see* **Oldham, T., 1326**—36,—40.

King, W., *and* Foote, R. Bruce.

988 . 1864. On the Geological structure of parts of the districts of Salem, Trichinopoly, Tanjore, and South Arcot, in Madras Presidency (being the area included on Sheet 79 of the Indian Atlas). *Mem. G. S. I.*, IV, 223—386 (Review, *Geol. Mag.*, Dec. 1, II, 171—174; *Journ. Sci.*, II, 341—343).

King, W., *and* Pope, T. A.

989 . 1891. Gold, Copper, and Lead in Chota Nagpore and the adjacent Country. 8°, 176 pp., Calcutta.

NATIONAL ARCHIVES OF INDIA

Kirkpatrick, W.

990 . 1811. An Account of the Kingdom of Nepaul, being the substance of observations made during a Mission to that Country in the year 1793. 4°, 386 pp., London.

Kirkup, J. P.

991—1. 1893. The Singareni Coal-field, Hyderabad, India. *Trans. N. E. Inst. Min. Eng.*, XLIII, 179—205; *Trans. Inst. Min. Eng.*, VI, 421—448 (Abst., *Journ. I. S. Inst.*, XLV, 447—448).

—2. 1903. [On working a thick Coal-seam in India.] *Trans. N. E. Inst. Min. Eng.*, LII, 207—208; *Trans. Inst. Min. Eng.*, XXV, 15—16.

Kitchin, F. L.

992—1. 1900. Jurassic Fauna of Cutch.—The Brachiopoda. *Pal. Indica*, Ser. IX, III, Pt. 1, 1—87 (Review, *Geol. Mag.*, Dec. 4, VIII, 276—278; Abst., *Nature*, LXIV, 134; *Revue Pal.*, VIII, 28—30; *Geol. Centralbl.*, I, 27, A. v. Krafft).

—2. 1903. Jurassic Fauna of Cutch.—Lamellibranchiata, Genus Trigonia. *Pal. Indica*, Ser. IX, III, Pt. 2, 1—122 (Review, *Ann. Mag., Nat. Hist.*, Ser. 7, XIII, 397—399; Abst., *Nature*, LXIX, 138; *Neu. Jahrb. f. Min.*, 1905, 1, *Ref.* 178—181, V. Uhlig).

Kitt, A.

993 . 1882. Analysis of "Assam" Coal (Makum Field). *Rec. G. S. I.*, XV, 61.

Kittoe, M.

994—1. 1837. [Reports the discovery of coal in Ungool and Hindai, Orissa.] *Journ A. S. B.*, VI, 320.

—2. 1838. Section of a Hill in Cuttack supposed to be likely to contain Coal. *Journ. A. S. B.*, VII, 152—155.

—3. 1838. Journal of a Tour in the Province of Orissa. *Journ. A. S. B.*, VII, 679—685, 828—829, 1060—1063.

NATIONAL ARCHIVES OF INDIA

Kittoe, M.—*contd.*

994—4. 1839. Report on the Coal and Iron Mines of Talcheer and Ungool, also remarks on the country through which it was necessary to travel in search of those minerals, the produce, inhabitants, nature of the soil, roads, etc., etc. *Journ. A. S. B.*, VIII, 137—144.

—5. 1839. Account of a Journey from Calcutta *viâ* Cuttack and Pooree to Sambalpur, and from thence to Mednipur through the Forests of Orissa. *Journ. A. S. B.*, VIII, 367—383, 474—480, 606—620, 671—681.

Klaproth, J.

995—1. 1825. Mémoire sur le cours du Yarou dzangbo tchou, ou du grand fleuve du Tubet; suivi de Notice sur la source du Burrampouter. *Mag. Asiat.*, I, 302—329 (Abst., *Journ. Asiat.*, VIII, 302—306).

—2. 1826. Observations sur la nouvelle carte de l'Asie publiée en 1822, par M. Arrowsmith. *Journ. Asiat.*, VIII, 3—18, 65—74.

—3. 1826. Description du Si dzang ou Tubet. D'après la grande géographie impériale de la Chine et le Dictionnaire géographique de l'Asie centrale, publié à Peking, en 1775. *Mag. Asiat.*, II, 209—307.

—4. 1828. Mémoire sur les Sources du Brahmapoutra et de l'Iraouaddy. Paris (Review, *As. Journ.*, XXV, 472—477).

—5. 1828. Remarques géographiques sur les provinces occidentales de la Chine, décrites par Marco-Polo. *Journ. Asiat.* Sér. 2, I, 97—120.

—6. 1829. Description du Tubet, traduite du chinois en russe par le moine Hyacinthe, et du russe en français par M * * * *; Revue sur l'original et accompagnée de notes. *Journ. Asiat.* Sér. 2, IV, 81—158, 241—324; VI, 161—246, 321—350.

Klaproth, M. H.

996—1. 1789. Extrait d'un Mémoire sur le Spath Adamantin. *Ann. Chim.*, I, 183—187; *Essays*, 64—70.

NATIONAL ARCHIVES OF INDIA

Klaproth, M. H.—*contd.*

996—2. 1790. Analyse chimique du Jargon de Ceylan. *Journ. Phys. Chim.*, XXXVI, 179—192 ; *Essays*, 175—194.

—3. 1796. Analyse du Saphir oriental. *Journ. des Mines*, III, No. 16, 3—8 ; *Essays*, 71—77.

—4. 1796. Analyse de l'Œil-de-Chat [de Ceylan]. *Journ. des. Mines*, IV, No. 23, 9—14 ; *Essays*, 78—84.

—5. 1801. Analytical Essays towards promoting the Chemical knowledge of Mineral Substances. 8°, 592 pp., London.

—6. 1807. Chemische untersuchung des Zirkons aus den nordlichen Circars. *Journ. Chemie u. Physik*, IV, 386—389.

—7. 1810. Analyse du zircon des Indes Orientales. *Journ. des Mines*, XXVII, 457.

Kloss, C. Boden.

997 . 1903. In the Andamans and Nicobars. 8^6, 373 pp., London (Review, *Man*, II, No. 61, E. H. M.).

Knight, E. F.

998 . 1893. Where Three Empires Meet : a narrative of recent travel in Kashmir, Western Tibet, Gilgit, and the adjoining countries. 8°, 495 pp., London.

Knight, R. C.

999 . 1844. Report on the Arral River, Lake Munchar, and the River Narrah. *Trans. Bo. Geogr, Soc.*, VI, 96—100.

———, *see* **Postans, T., 1419.**

Knight, W. H.

1000 . 1863. Diary of a Pedestrian in Cashmere and Thibet. 8°, 385 pp., London.

Knox, T. J.

1001 . 1860. Earthquake in Southern India, 17th December 1859. *Mad. Journ. Lit. Sci.*, N. S., V, 340.

NATIONAL ARCHIVES OF INDIA

Kobayashi, Matsusuke

1002 . 1912. On the composition of Thorianite. *Sci. Rep. Tôhoku Imp. Univ. Sendai*, Ser. 1, I, 201—206 (Abst., *Neu. Jahrb. f. Min.*, 1913, II, *Ref.* 12—13, Max Bauer).

Kobelt W.

1003 . 1899. Vorderindien; eine zoogeographische Studie. *Ber. Senckenb. naturf. Ges.*, 1898—99, 89—104 (Abst., *Geol. Centralbl.*, I, 659, P. G. Krause).

Koch, Anton.

1004 . 1899. Die wissenschaftliche Ergebnisse der Reise des Grafen Béla Széchenyi in Ostasien.—Beschreibung der gesammelten Gesteine.—Vol. III, Pt. 3, 355—381.

Koenigsberger, J., *and* Reichenheim, O.

1005 . 1905. Ueber das Verhalten einiger kristallisierter natürlicher Metall sulfide und oxyde gegen elektrische Strömung und gegen Strahlung.—Graphit von Ceylon. *Centralbl.*, VI, 468—469.

Koken, E.

1006—1. 1901. *Helicoprion* im Productus-Kalk der Saltrange. *Centralbl.*, II, 225—227.

—2. 1903. Das Diluvium im Gebiete de Saltrange (nordwestliches Indien). *Centralbl.*, IV, 433—439.

—3. 1903. Kreide und Jura in der Saltrange. *Centralbl.*, IV, 439—444 (Abst., *Geol. Centralbl.*, IV, 764, A. Klautzsch).

—4. 1903. Facettengeschiebe. *Centralbl.*, IV, 625—628.

—5. 1904. Eurydesma und der Eurydesmen-Horizont in der Saltrange. *Centralbl.*, V, 97—107 (Abst., *Geol. Centralbl.*, VII, 258—259, G. Fliegel).

—6. 1906. *Productus Purdoni* im Perm von Kaschmir. *Centralbl.*, VII, 129—131 (Abst., *Geol. Centralbl.*, VIII, 382, J. Böhm).

NATIONAL ARCHIVES OF INDIA

Koken, E.—*contd.*

1006—7. 1907. Indisches Perm und die permischen Eiszeit. *Neu. Jahrb., f. Min.*, Festband, 446—546 (Abst., *Amer. Journ. Sci.*, Ser. 4, XXVI, 165; *Peterm. Mitth.*, LV, *Litt.* 47—48, E. Wagner; *Geol. Centralbl.*, XI, 645—651, A. Klautzsch; *Verh. k. k. Geol. Reichsanst.*, 1909, 127, Kerner).

—8. 1908. Indisches Perm und die permische Eiszeit. Nachträge. *Centralbl.*, IX, 449—461 (Abst., *Geol. Centralbl.*, XIII, 195, A. Klautzsch).

Koken, E., *and* **Noetling, F.**

1007—1. 1903. Geologisches Mittheilungen aus der Saltrange. *Centralbl.*, IV.

No. I—Das permische Glacial, 45—49. No. II—Ueber die Geschiebe des permische Glacials, 72—76. No. III—Die wahrscheinliche Entstehung der Facettengeschiebe, 97—103 (Abst., *Verh. k.-k. Geol. Reichsanst.*, 1903, 70, O. Ampferer).

—2. 1905. Das Erdbeben im Kangra-Tal (Himalaya) vom 4 April 1905. *Centralbl.*, VI, 332—340 (Abst., *Trans. N. E. Inst. Min. Eng.*, LV, *App.*, 20—21; *Geol. Centralbl.*, VII, 535—536, A. Sieberg).

Koncza, M., *see* **Calciati, C., 258.**

Koninck, L. de, *see* **de Koninck, 454.**

Kossmat, F.

1008—1. 1895. Untersuchungen über die südindische Kreideformation. *Beitr. z. Paläont. Österr-Ung.*, IX, 97—203; XI, 1—46, 89—152 (Abst., *Revue Pal.*, II, 49—50; III, 78—80).

—2. 1895. Die Bedeutung der südindischen Kreideformation für die Beurtheilung der geographischen Verhältnisse während der späteren Kreidezeit. *Jahrb. k.-k. Geol. Reichsanst.*, XLIV, 459—478; *Trans., Rec. G. S. I.*, XXVIII, 39—55.

NATIONAL ARCHIVES OF INDIA

Kossmat, F.—*contd.*

1008—3. 1897. The Cretaceous Deposits of Pondicherri. *Translation* by A. H. Foord and Mrs. A. H. Foord. *Rec. G. S. I.*, XXX, 51—110 (Abst., *Nature*, LVI, 453; *Revue Pal.*, III, 83; *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 485, J. Böhm).

————, *see* **Blanford, W. T., 148**—89.

Koul, Anand.

1009 . 1911. Curious phenomena in Kashmir. *Journ. A. S. B.*, N. S., VII, *Proc.* xlix—li.

Krafft *von* Delmensingen, A.

1010—1. 1899. Mittheilungen über das ost-bokharische Goldgebiet. *Zeits. f. prakt. Geol.*, 37—43.

—2. 1900. Stratigraphical notes on the Mesozoic rocks of Spiti. *Gen. Rep. G. S. I.*, 1899—1900, 199—229 (Abst., *Peterm. Mitth.*, XLVII, *Litt.*, 49, C. Diener).

—3. 1901. Zur Gliederung des Muschelkalks des Himalaya. *Verh. k.-k. Geol. Reichsanst.*, 52—53 (Abst., *Neu. Jahrb. f. Min.*, 1903, I, *Ref.* 122, Diener).

—4. 1901. Zur unteren Trias von Spiti. *Centralbl.*, II, 197—199 (Abst., *Geol. Centralbl.*, III, 607, H. Lotz).

—5. 1901. Ueber das Permische Alter der Otoceras-Stufe des Himalaya. *Centralbl.*, II, 275—279 (Abst., *Geol. Centralbl.*, III, 608, H. Lotz).

—6. 1902. Notes on the "Exotic Blocks" of Malla Johar in the Bhot Mahals of Kumaon. *Mem. G. S. I.*, XXXII, 127—187 (Abst., *Neu. Jahrb. f. Min.*, 1903, I, *Ref.*, 112—114, F. Noetling; *Peterm. Mitth.*, L, *Litt.*, 192—193, C. Diener; *Geol. Centralbl.*, III, 238, H. H. Hayden).

————, *see* **Diener, C., 486**—17, 27.

Krafft *von* Delmensingen, A., *and* Diener, C.

1011 . 1909. Lower Triassic Cephalopoda from Spiti, Malla Johar, and Byans. *Pal. Indica*, Ser. XV, VI, Pt. 1, 1—186 (Abst., *Revue Pal.*, XIV, 31—32).

NATIONAL ARCHIVES OF INDIA

Kreitner, G.

1012 . 1881. Von Sa-yang in Yünnan nach Bamo in Birma. *Peterm. Mitth.*, XXVII, 241—252.

Krenner, J. A.

1013—1. 1883. Über Jadeit. *Neu. Jahrb. f. Min.*, 173—174.

—2. 1899. Die wissenschaftliche Ergebnisse der Reise des Grafen Béla Széchenyi in Ostasien.—Jadeitsteine aus Birma.—Vol. III, Pt. 3, 345—351 (Abst., *Journ. Chem. Soc.*, LXXVI, Pt. 2, 672—673, L. J. S.; *Zeits. f. Kryst.*, XXXI, 502—504, A. Schmidt; *Neu. Jahrb. f. Min.*, 1900, I, *Ref.* 341—342, M. Bauer).

Krishnaiya, A.

1014 . 1910. Mica in Nellore. *Trans. Min. Geol. Inst. Ind.*, V, 181—203.

Kropotkin, *Prince* P.

1015—1. 1893. The Glaciation of Asia. *Rep. Brit. Assoc.*, LXIII, 774—775.

—2. 1904. The Orography of Asia. *Geogr. Journ.*, XXIII, 176—207, 331—361.

—3. 1904. The Desication of Eur.-Asia. *Geogr. Journ.*, XXIII, 722—741 (Abst., *Scot. Geogr. Mag.*, XX, 431).

—4. 1914. On the Desiccation of Eurasia and some General Aspects of Desiccation. *Geogr. Journ.*, XLIII, 451—458.

Kunz, G. F.

1016 . 1892. Mineralogical Notes on Brookite, Octahedrite, Quartz and Ruby. *Amer. Journ. Sci.*, Ser. 3, XLIII, 329—330 (Abst., *Journ. Chem. Soc.*, LXII, 1058, B. H. B.).

Kurtz, F.

1017 . 1894. Sobre la existencia del Gondwana Inferior en la Republica Argentina. *Rev. Mus. de la Plata*, VI, 125—139 (*Trans.* by J. Gillespie. *Rec. G. S. I.*, XXVIII, 111—117).

NATIONAL ARCHIVES OF INDIA

Kurtz, F., *and* Blanford, W. T.

1018 . 1896. Recent Discoveries of Fossil Plants in Argentina. *Geol. Mag.*, Dec. 4, III, 446—449.

Kurz, Sulpice.

1019—1. 1870. Report on the Vegetation of the Andaman Islands. Fol., 75 pp., Calcutta; *Stray Feathers*, II, 34—36.

—2. 1875. Preliminary Report on the Forest and other Vegetation of Pegu. Fol., Calcutta. Section 2,—Geology, as far as connected with the Flora, pp. 4—8.

L

Lachlan, R.

1020 . 1826. Observations on the Geography of the Burrampooter and the Sanpoo Rivers. *Edin. Journ. Sci.*, IV, 302—306.

Lacroix, A.

1021—1. 1889. Étude pétrographique des gneiss de Ceylan et du district de Salem (présidence de Madras). *C. R. Ac. Sci.*, LVIII, 373—376 (Abst., *Neu. Jahrb. f. Min.*, 1890, II, *Ref.* 99, H. Behrens).

—2. 1889. Contributions à l'étude des Gneiss à pyroxène et des Roches à wernerite. 8°, Paris.—Chap. VII, Gneiss de Ceylan et du district de Salem (présidence de Madras); *Bull. Soc. Franç. Min.*, XII, 282—348; *Trans.* by F. R. Mallet, *Rec. G. S. I.*, XXIV, 155—200 (Abst., *Ann. Géol. Univ.*, VIII, 541—542, G. Ramond; *Neu. Jahrb. f. Min.*, 1893, I, *Ref.* 506—509, O. Mügge).

—3. 1913. Les Latérites de la Guinée et les produits d'alteration qui leur sont associés. *Nouv. Arch. du Mus.*, Ser. 5, V, 255—358.

————, *see* **Fermor, L. L., 577—50.**

Lacroix, A., *and* Sol, ————

1022 . 1896. Sur les cristaux de topaze du royaume de Pérak *C. R. Ac. Sci.*, CXXIII, 135—136 (Abst., *Zeits. f. Kryst.*, XXIX, 413, P. Groth).

NATIONAL ARCHIVES OF INDIA

Lake, H. W.

1023 . 1894. A Journey to the Source of the Indan (Malay Peninsula). *Journ. Str. As. Soc.*, XXV, 1—9.

Lake, H. W., *and* Kelsall, H. J.

1024 . 1894. A Journey on the Sembrong River, from Kuala Indan to Batu Pahat. *Journ. Str. As. Soc.*, XXVI, 1—33.

Lake, P.

1025—1. 1890. The Geology of South Malabar, between the Beypore and Ponnani Rivers. *Mem. G. S. I.*, XXIV, 201—246 (Abst., *Peterm. Mitth.*, XXXVIII, *Litt.* 103, Supan; *Ann. Géol. Univ.*, VIII, 540—541, G. Ramond).

—2. 1890. Notes on the Mud banks of the Travancore Coast. *Rec. G. S. I.*, XXIII, 41—47 (Abst., *Peterm. Mitth.*, XXXVII, *Litt.* 40, Supan).

—3. 1890. The supposed Matrix of the Diamond at Wajra Karur, Madras. *Rec. G. S. I.*, XXIII, 69—72.

—4. 1890. The Basic Eruptive Rocks of the Kadapah Area. *Rec. G. S. I.*, XXIII, 259—261 (Abst., *Neu. Jahrb. f. Min.*, 1896, I, *Ref.* 61, K. Futterer; *Ann. Géol. Univ.*, VII, 780—781, G. Ramond).

—5. 1893. The Growth of the Indian Peninsula. *Geol. Mag.*, Dec. 3, X, 309—314.

—6. 1894. Indian Geology. *Sci. Progress*, II, 127—139.

—7. 1903. The Circular Form of Mountain Chains. *Geol. Mag.*, Dec. 4, 305—306.

Lalor, J.

1026—1. 1860. Report on the Hill Districts to the South-West of Mehur, in Sind. *Trans. Med. Phys. Soc., Bombay*, VI, 271—283; *Sel. Rec. Bo. Govt.*, N. S., LVIII, 5—19.

—2. 1862. Rough Notes, showing outline of the country between Kurrachee and Gwadel. *Trans. Bo. Geogr. Soc.*, XVI, 99—115.

NATIONAL ARCHIVES OF INDIA

Lalor, J.—*contd.*

1026—3. 1862. On the composition of the liquid disengaged from Mud Volcanoes, etc., in Sind. *Trans. Med. Phys. Soc., Bombay,* VIII, xi—xii.

—4. 1864. Report on Dhur Yaroo in the Shikarpur Collectorate. *Trans. Bo. Geogr. Soc.,* XVII, 302—320.

Lamb, ————

1027 , 1873. [Note on an Earthquake in Kamrup, 19th December, 1872.] *Proc. A. S. B.,* 65—66.

Lang, J.

1028 , 1851. Report on the Nuddea Rivers and the advantages derived from the measures annually adopted for facilitating their Navigation. *Sel. Rec. Beng. Govt.,* II, 3—47.

Langenbeck, R.

1029 , 1906. Die Archipele der Maldiven und Lakkadiven. *Peterm. Mitth.,* LII, 159—165.

Langstaff, J.

1030 , 1833. [Exhibition of specimens of sandstone from Sikrigali,] *Journ. A. S. B.,* II, 45.

Lantenois H.

1031 , 1907. Resultats de la Mission Géologique et Minière du Yunnan Méridional (Septembre 1903—Janvier 1904).—Avantpropos.—1. Note sur la Géologie et les Mines de la Région comprise entre Lao-kay et Yunnan-sen. *Ann. des Mines.,* Ser. 10, XI, 298—383, 385—428.

Lapparent, A. de, *see* **de Lapparent, 457.**

LaTouche, C. B.

1032 , 1867. [Oscillations of level in the Runn of Kutch.] *Trans. Bo. Geogr. Soc.,* XVIII, *Proc.* xcix.

LaTouche, *Sir* J. Digges

1033 , 1875. Gazetteer of Ajmer-Merwara, in Rajputana. 8°, 104 pp., Calcutta.

NATIONAL ARCHIVES OF INDIA

LaTouche, T. H. Digges

1034—1. 1882. The Daranggiri Coal-field, Garo Hills, Assam. *Rec. G. S. I.*, XV, 175—178.

—2. 1883. Note on the Cretaceous coal-measures at Borsora in the Khasia Hills, near Laour in Sylhet. *Rec. G. S. I.*, XVI, 164—166 (Abst., *Journ. I. S. Inst.*, XXII, 849).

—3. 1883. Notes on a Traverse through the Eastern Khasia, Jaintia, and North Cachar Hills. *Rec. G. S. I.*, XVI, 198—203 (Abst., *Journ. I. S. Inst.*, XXII, 848).

—4. 1884. Report on the Langrin Coal Field, South-West Khasia Hills. *Rec. G. S. I.*, XVII, 143—146 (Abst., *Journ. I. S. Inst.*, XXIV, 664).

—5. 1885. Note on Coal and Limestone in the Doigrung River near Golaghat, Assam. *Rec. G. S. I.*, XVIII, 31—32 (Abst., *Journ. I. S. Inst.*, XXV, 305).

—6. 1885. Notes on the Geology of the Aka Hills, Assam. *Rec. G. S. I.*, XVIII, 121—124 (Abst., *Peterm. Mitth.*, XXXI, 323, Supan).

—7. 1886. Geology of the Upper Dehing basin in the Singpho Hills. *Rec. G. S. I.*, XIX, 111—115 (Abst., *Peterm. Mitth.*, XXXII, *Litt.* 127, Supan).

—8. 1887. Notes on the Geology of the Garo Hills. *Rec. G. S. I.*, XX, 40—43 (Abst., *Peterm. Mitth.*, XXXIII, *Litt.* 122, Supan).

—9. 1888. Report on the Sangar Marg and Mehowgala Coal-fields, Kashmir. *Rec. G. S. I.*, XXI, 62—70.

—10. 1888. Re-discovery of Nummulites in Zanskar. *Rec. G. S. I.*, XXI, 160—162 (Abst., *Neu. Jahrb. f. Min.*, 1892, I, *Ref.* 190, A. Andreæ; *Ann. Géol. Univ.*, VI, 588—589, E. de M.).

—11. 1888. [On the Barisal Guns.] *Proc. A. S. B.*, 111—112.

—12. 1889. Report on the Cherra-Poonjee Coal-Field, in the Khasia Hills. *Rec. G. S. I.*, XXII, 167—171.

NATIONAL ARCHIVES OF INDIA

LaTouche, T. H. D.—*contd.*

1034—13. **1890.** Report on the Lakadong Coal-field, Jaintia Hills. *Rec. G. S. I.*, XXIII, 14—17 (Abst., *Journ. I. S. Inst.*, XXXVI, 231—232).

—14. **1890.** The Sapphire Mines of Kashmir. *Rec. G. S. I.*, XXIII, 59—69 (Abst., *Peterm. Mitth.*, XXXVII, *Litt.* 40, Supan; *Ann. Géol. Univ.*, VII, 775—777, G. Ramond).

—15. **1890.** Report on the Coal-fields of Lairungao, Maosandram, and Mao-be-lar-kar, in the Khasi Hills. *Rec. G. S. I.*, XXIII, 120—124 (Abst., *Journ. I. S. Inst.*, XXXVII, 687—688; *Neu. Jahrb. f. Min.*, 1894, II, *Ref.* 330—331, K. Futterer).

—16. **1890.** On the Sounds known as the 'Barisál Guns' occurring in the Gangetic Delta. *Rep. Brit. Assoc.*, LX, 800 (*Abstract*).

—17. **1891.** Note on the Geology of the Lushai Hills. *Rec. G. S. I.*, XXIV, 98—99 (Abst., *Ann. Géol. Univ.*, VIII, 549, G. Ramond).

—18. **1891.** Boring Exploration in the Daltonganj Coal-field, Palamow. *Rec. G. S. I.*, XXIV, 141—153 (Abst., *Proc. Inst. C. Eng.*, CVIII, 489, B. H. B.).

—19. **1892.** Report on the Oil Springs at Moghal Kot in the Shirani Hills. *Rec. G. S. I.*, XXV, 171—175 (Abst., *Journ. I. S. Inst.*, XLIV, 376—377; *Trans. N. E. Inst. Min. Eng.*, XLII, 460, G. W. B.).

—20. **1893.** Geology of the Sherani Hills. *Rec. G. S. I.*, XXVI, 77—96 (Abst., *Neu. Jahrb. f. Min.*, 1897, I, *Ref.* 315—316, K. Futterer; *Ann. Géol. Univ.*, IX, 571—573, G. Ramond).

—21. **1893.** The Erosion of Rock Basins. *Nature*, XLIX, 39—41, 365.

—22. **1894.** Report on the Bhaganwala Coal Field, Salt Range, Punjab. *Rec. G. S. I.*, XXVII, 16—33 (Abst., *Proc. Inst. C. Eng.*, CXIX, 463, B. H. B.; *Journ. I. S. Inst.*, XLIV, 352—353; *Trans. N. E. Inst. Min. Eng.*, XLIII, *App.*, 38—39, G. W. B.; *Peterm. Mitth.*, XLI, *Litt.* 107, Supan).

NATIONAL ARCHIVES OF INDIA

LaTouche, T. H. D.—*contd.*

1034—23. **1895.** Report on the Experimental Boring for Petroleum at Sukkur, from October 1893 to March 1895. *Rec. G. S. I.*, XXVIII, 55—58 (Abst., *Proc. Inst. C. Eng.*, CXXII, 464—465, G. R. R.; *Journ. I. S. Inst.*, XLVIII, 425).

—24. **1897.** Report on the occurrence of Coal at Palana Village in Bikanir State. *Rec. G. S. I.*, XXX, 122—125 (Abst., *Proc. Inst. C. Eng.*, CXXXI, 445, B. H. B.; *Journ. I. S. Inst.*, LII, 316—317).

—25. **1897.** The Calcutta Earthquake of June 12th, 1897. *Nature*, LVI, 273—274, 444—445.

—26. **1900.** Preliminary Report on the Geology of the Northern Shan States. *Gen. Rep. G. S. I.*, 1899—1900, 74—95.

—27. **1901.** The growth of Calcareous Tufa in the Rivers of the Shan States, Upper Burma. *Proc. A. S. B.*, 60—61 (*Abstract*).

—28. **1902.** Geology of Western Rajputana. *Mem. G. S. I.*, XXXV, 1—116 (Abst., *Neu. Jahrb. f. Min.*, 1903, I, *Ref.* 111—112, F. Noetling; *Peterm. Mitth.*, L, *Litt.* 193, C, Diener; *Geol. Centralbl.*, III, 227—228, H. H. Hayden).

—29. **1906.** On Recent Changes in the Course of the Nam-tu River, Northern Shan States. *Rec. G. S. I.*, XXXIII, 46—48 (Abst., *Peterm. Mitth.*, LII, *Litt.* 195, Oestreich).

—30. **1906.** Note on the Natural Bridge in the Gokteik Gorge. *Rec. G. S. I.*, XXXIII, 49—54 (Abst., *Peterm. Mitth.*, LII, *Litt.*, 195, Oestreich).

—31. **1906.** The Mineral Production of India during 1905. *Rec. G. S. I.*, XXXIV, 45—78×i—xii (Review, *Min. Journ.*, LXXIX, 721; *Geol. Mag.*, Dec. 5, V, 179—181, W. H. H.).

—32. **1907.** Note on the Brine-Well at Bawgyo, Northern Shan States. *Rec. G. S. I.*, XXXV, 97—101 (Abst., *Eng. Min. Journ.*, LXXXIV, 128).

NATIONAL ARCHIVES OF INDIA

LaTouche, T. H. D.—*contd.*

1034—33. 1907. Report on the Gold-bearing Deposits of Loi Twang, Shan States, Burma. *Rec. G. S. I.*, XXXV, 102—113.

—34. 1907. On a Volcanic Outburst of late Tertiary Age in South Hsenwi, Northern Shan States. *Rec. G. S. I.*, XXXVI, 40—44.

—35. 1909. Gypsum Deposits in the Hamirpur District, United Provinces. *Rec. G. S. I.*, XXXVII, 281—285.

—36. 1910. The Journals of Major James Rennell, First Surveyor-General of India. *Mem. A. S. B.*, III, 95—248 (Review, *Nature*, LXXXVIII, 417—418).

—37. 1910. Lakes of the Salt Range in the Punjab. *Rec. G. S. I.*, XL, 36—51 (Abst., *Peterm. Mitth.*, LVII, Pt. 1, 155, E. Wagner).

—38. 1910. Notes on certain Glaciers in Sikkim. *Rec. G. S. I.*, XL, 52—62 (Abst., *La Géographie*, XXIII, 378—379).

—39. 1910. General Report of the Geological Survey of India for 1909. *Rec. G. S. I.*, XL, 73—122 (Abst., *Peterm. Mitth.*, LVII, Pt. 1, 155, E. Wagner).

—40. 1910. The Mineral Production of India during 1909. *Rec. G. S. I.*, XL, 123—184.

—41. 1910. History of the Geological Museum, Calcutta. *Trans. Min. Geol. Inst. Ind.*, V, 31—37.

—42. 1910. [A brief account of the Lonar Lake.] *Journ. A. S. B.*, N. S., VI, *Proc.* cxxxii.

—43. 1910. Relics of the Great Ice Age in the Plains of Northern India. *Geol. Mag.*, Dec. 5, VII, 193—201 (Abst., *Geogr. Journ.*, XXXVI, 356—357; *Peterm. Mitth.*, LVII, Pt. 2, 42, Hess; *Beitr. z. Geophys.*, XI, Pt. 2, 364—366, Th. Arldt).

—44. 1910. Mining in India, Past and Future. *Rep. Ind. Indust. Conf.*, V, 77—85.

NATIONAL ARCHIVES OF INDIA

LaTouche, T. H. D.—*concld.*

1034—45. 1913. Geology of the Northern Shan States. *Mem. G. S. I.*, XXXIX, Pt. 2, 1—379 + xi—xli.

———, *see* **Holland, *Sir* T. H., 863.**

LaTouche, T. H. D., *and* Brown, J. Coggin

1035 . 1909. The Silver-lead mines of Bawdwin, Northern Shan States. *Rec. G. S. I.*, XXXVII, 235—263 (Abst., *Eng. Min. Journ.*, LXXXVIII, 550—555).

LaTouche, T. H. D., *and* Christie, W. A. K.

1036 . 1912. The Geology of the Lonar Lake. With a Note on the Lonar Soda Deposit by W. A. K. Christie, PH.D. *Rec. G. S. I.*, XLI, 266—285 (Abst., *Geogr. Journ.*, XL, 84—85).

LaTouche, T. H. D., *and* Simpson, R. R.

1037 . 1906. The Lashio Coal-field, Northern Shan States. *Rec. G. S. I.*, XXXIII, 117—124 (Abst., *Journ. I. S. Inst.*, LXXII, 760—761).

Laugier, A.

1038—1. 1825. Analyse de trois minéraux, recueillis par M. Leschenault-de-Latour à Ceylan et à la côte de Coromandel. *Mém. du Mus.*, XII, 177—197 (Abst., *Bull. Soc. Philom.*, XV, 127—128).

—2. 1827. Analyse de la variété en masse de l'Essonite, de Ceylan. *Mém. du Mus.*, XIV, 336—339 (Abst., *Ann. des Mines*, Ser. 2, III, 227).

—3. 1827. Analyse des Indianites blanche et rose de Coromandel. *Mém. du Mus.*, XIV, 340—344 (Abst., *Ann. des Mines*, Ser. 2, III, 232).

Launay, L. de, *see* **de Launay, 459.**

Laurent, L.

1039 . 1907. Note sur quelques échantillons de Plantes Tertiaires du Yunnan. *Ann. des Mines*, Ser. 10, XI, 495—503.

NATIONAL ARCHIVES OF INDIA

Lawder, A. W.

1040—1. 1869. Mineralogical Statistics of Kumaon Division. *Rec. G. S. I.*, II, 86—94.

—2. 1871. Minerological Statistics of Kumaon Division. *Rec. G. S. I.*, IV, 19—27.

Lawrence, W. R.

1041 . 1895. The Valley of Kashmir. 8°, 478 pp., London (Review, *Nature*, LIII, 99—100).

Laws, ————

1042 . 1832. General Remarks on the Coast of Arrakan. *Journ. R. Geogr. Soc.*, I, 175—179.

Leather, J. W.

1043—1. 1895. Composition of Well Waters and Soils specially suitable for Tobacco Cultivation in the Charotar, Gujerat. *Agric. Ledger*, No. 14 (Abst., *Journ. Chem. Soc.*, LXXIV, Pt. 2, 250, N. H. J. M.).

—2. 1897. Reclamation of Reh or Usar Land. *Agric. Ledger*, IV. No. 7, 1—9, No. 13, 1—37.

—3. 1902. On the Sampling of Soils. *Journ. Chem. Soc.*, LXXXI, *Trans.*, 883—887 (Abst., *Chem. News*, LXXXV, 296).

—4. 1902. On some excessively Saline Indian Well Waters. *Journ. Chem. Soc.*, LXXXI, *Trans.* 887—892 (Abst., *Chem. News*, LXXXV, 297).

Leather, J. W., *and* Mukerji, J. N.

1044 . 1911. The Indian Saltpetre Industry. *Bull. Agric. Res. Inst. Pusa*, No. 24 (Abst., *Nature*, LXXXVIII, 330—331).

Lebour, G. A.

1045 . 1904. [Note on Ceylon Graphite.] *Trans. Inst. Min. Eng.*, XXVIII, 620—621.

Leclere, A.

1046 . 1900. Sur la Géologie de la Chine méridionale. *C. R. Ac. Sci.*, CXXX, 184—185.

————, *see* **Douvillé, H., 499—1.**

NATIONAL ARCHIVES OF INDIA

Le Coq, A., *see* **Oppenheim, P., 1338.**

Lee, W. A., *see* **Marshall, A. G., 1177.**

Leech, H. W. C.

1047 . 1879. About Kinta, Shin and Bernam. *Journ. Str. As. Soc.*, IV, 21—45.

Leech, R., *see* **Agha Abbas, 15.**

LeFanu, H.

1048 . 1883. A Manual of the Salem District in the Presidency of Madras. 8°, 2 Vols., Madras (Chap. III, Vol. 1, contains notes on the Geology, by R. B. Foote).

Lefroy, G. A.

1049 . 1894. Itinerary of a Trip to Gunong Bintang and the Perak-Kedah boundary ..... during the months of October and November, 1892. *Perak Mus. Notes*, I, No. 3, 45—53.

Legendre, A. F.

1050 . 1915. Considérations générales sur les formes structurales de la China sud-occidentale et des Marches Thibetaines. *C. R. Ac. Sci.*, CLXI, 737—740.

LeGeyt, P. H.

1051 . 1867. [Encroachments of the Sea on the South Coast of Kattywar.] *Trans. Bo. Geogr. Soc.*, XVIII, *Proc.* lxxxvi—lxxxvii.

Leighton, D. E. W.

1052 . 1883. The Indian Gold-Mining Industry, its Present Condition and its Future Prospects. 8°, 70 + xxii pp., Madras.

Leith, A. H.

1053—1. 1861. Discovery of more Organic Remains and Minerals in the Trap of Bombay. *Journ. Bo. As. Soc.*, VI, 180.

—2. 1878. The Town and Island of Bombay. *Bombay*, 15—22.

NATIONAL ARCHIVES OF INDIA

Leland, C. G.

1054 . 1893. The Salagrama, or Holy Stone. *As. Quart. Rev.*, Ser. 2, V, 119—127.

LeMessurier, G.

1055—1. 1844. Antimony and Lead Mines of Beluchistan. *Journ. Bo. As. Soc.*, II, 109.

—2. 1845. Geographical and Statistical Memorandum on Beluchistan. *Journ. Bo. As. Soc.*, II, 139—150.

LeMesurier, H. P.

1056 . 1861. [Description of Stone celts from Bundelkhand.] *Journ. A. S. B.*, XXX, 81—85.

Lemoine, P.

1057 . 1911. La latérite est-elle exclusivement une formation de pays chauds. *La Géographie*, XXIII, 291—292 (Abst., *Scot. Geogr. Mag.*, XXVII, 434—435).

———, *see* **Chautard, J., 307**—1,—2.

Lemon, *Sir* C., *see* **Tremenheere, G. B., 1803.**

Lenox-Conyngham, G. P., *and* Strahan, A.

1058 . 1908. The Pendulum Operations in India, 1903—07. *Survey of India, Prof. Paper* No. 10, pp. ix+196, Dehra Dun. (Abst., *Nature*, LXXXII, 59—70, A. R. H.).

Leonard, H.

1059—1. 1864. Memorandum on the River Hooghly. *Sel. Rec. Govt. India*, XLV, 1—21.

—2. 1868. [Report on earthquakes in 1868.] *Proc. A. S. B.*, 256—257.

—3. 1869. [Remarks on the Earthquake of January 10th, 1869, at Cachar.] *Proc. A. S. B.*, 102—103.

—4. 1885. Memorandum on the River Hooghly. *Sel. Rec. Govt. India*, CCIII, 1—14.

NATIONAL ARCHIVES OF INDIA

Lepper, C. H.

1060 . 1887. Notes on the Singpho and Kampti country, North-Eastern Frontier. *Proc. A. S. B.*, 64—71.

Lepper, R. S.

1061 . 1904. Notes on the Malabar Coast of India. *Rep. Brit. Assoc.*, LXXIV, 636-637 (*Abstract*).

Leschenault de la Tour.

1062—1. 1820. Relation d'un Voyage à Karikal et à Salem. *Mém. du Mus.*, VI, 329—348.

—2. 1822. Relation abregée d'un Voyage aux Indes Orientales. *Mém. du Mus.*, IX, 245—274.

—3. 1824. Notice sur la Roue du Lapidaire dont on se sert dans les Indes Orientales pour tailler des pierres fines. *Mém. du Mus.*, XI, 230—231.

———, *see* **de Bournon, *Comte* J. L., 448—5.**

———, *see* **Holland, *Sir* T. H., 859—30.**

———, *see* **Laugier, A., 1038—1.**

Leslie, G.

1063 . 1903. The water-parting between the Chitral and Gilgit Rivers. *Geogr. Journ.*, XXII, 328.

Lester, I. E.

1064 . 1911. On Indian Iron. *Proc. Staffs. I. S. Inst.*, XXVII, 2—18.

Lethbridge, *Sir* R.

1065—1. 1905. The Resources and Development of Mysore. *As. Quart. Rev.*, Ser. 3, XX, 1—9.

—2. 1907. The Mysore State: a Model of Indian Administration. *As. Quart. Rev.*, Ser. 3, XXIII, 30—42.

Leuchs, K.

1066 . 1913. Beiträge zur Geologie des westlichen Kwenlun und Westtibets nach Zugmayer's Beobachtungen. *Zeits. deutsch.* Geol. Gesell., LXV, Pt. 2, 173—185.

NATIONAL ARCHIVES OF INDIA

Léveillé, *l'Abbé* H.

1067—1. 1889. Géologie de l'Inde Française. *Bull. Soc. Géol. France*, Ser. 3, XVIII, 144—158 (Abst., *Peterm. Mitth.*, XXXVII, *Litt.* 40, Supan; *Ann. Géol. Univ.*, VII, 782—783, G. Ramond).

—2. 1890. Note sur les mines de Colar (Inde). *Bull. Soc. Géol. France*, Ser. 3, XVIII, 228—230.

—3. 1890. Les Terrains d'alluvion á Pondichéry. *Bull. Soc. Géol. France*, Ser. 3, XIX, 99—111 (Abst., *Neu. Jahrb. f. Min.*, 1895, II, *Ref.* 335, O. Zeise; *Ann. Géol. Univ.*, VIII, 541, G. Ramond).

—4. 1891. Adjonctions á la Géologie de l'Inde Française, principaux Fossiles du Terrain Crétacé. *Bull. Soc. Géol. France*, Ser. 3, XIX, 235—236.

—5. 1891. Note sur les grès du détroit de Palk. *Bull. Soc. Géol. France*, Ser. 3, XIX, liii (*Abst.*).

Lewin, T. H.

1068. 1867. Diary of a Hill-Trip on the Borders of Arracan. *Proc. R. Geogr. Soc.*, XI, 52 (*Abst.*).

Lewis, F.

1069—1. 1908. The lesser known Hills of the Batticaloa District and Lower Uva (Ceylon). *Journ. Ceyl. As. Soc.*, XXI, 165—179.

—2. 1913. Note on a Cup-marked Rock found at Kudagama, in the Kende Korale, North-Central Province [Ceylon]. *Spolia Zeyl.*, VIII, 289—291; IX, 141—142.

Liebig, G. *von*

1070. 1858. Barren island. *Zeits. deutsch. Geol. Gesell.*, X, 299—304; *Journ. A. S. B.*, XXIX, 1—10; *Sel. Rec. Govt. Ind.*, XXV-A, 124—131 (Abst., *Neu. Jahrb. f. Min.*, 1859, 313—315).

Liffa, Aurel.

1071. 1902. Beiträge zur krystallographischen Kenntniss des Chrysoberylls von Ceylon. *Zeits. f. Kryst.*, XXXVI, 606—616 (Abst., *Neu. Jahrb. f. Min.*, 1904, I, *Ref.*, 15—16, M. Bauer).

NATIONAL ARCHIVES OF INDIA

Lilly, S.

1072 . 1862. Description of a Coal Mine in India. *Min. Journ.*, XXXII, 381.

Liston, D.

1073—1. 1841. Notes on the Distribution of Soils in the Goruckpoor District. *Cal. Journ. Nat. Hist.*, I, 236—240.

—2. 1842. Note regarding Salts in the soil of the eastern portion of Zillah Goruckpoor. *Cal. Journ. Nat. Hist.*, II, 125—126.

—3. 1844. Some Memoranda on the Geology of Sikkim. *Cal. Journ. Nat. Hist.*, IV, 521—532.

Littledale, St. George R.

1074 . 1896. A Journey across Tibet, from North to South, and West to Ladak. *Geogr. Journ.*, VII, 453—483.

Lloyd, J. H.

1075 . 1867. [On the Inundation of the Runn of Kutch.] *Trans. Bo. Geogr. Soc.*, XVIII, *Proc.* xcix—ci.

Lloyd, R.

1076—1. 1833. List of the specimens of Rocks from the Tenasserim Archipelago, situated between the Parallels of 10°50′ and 12°10′ N., presented to the Asiatic Society 15th. Jan. 1831. *Journ. A. S. B.*, II, 157—158.

—2. 1838. A short notice of the Coast-line, Rivers and Islands adjacent, forming a portion of the Mergui Province, from a late survey. *Journ. A. S. B.*, VII, 1027—1038.

Lloyd, R. E.

1077 . 1910. The Geology of the Aden Hinterland. *Rec. G. S. I.*, XXXVIII, 313—320 (Abst., *Peterm. Mitth.*, LVII, Pt. 1, 152, Blanckenhorn).

———, *see* **Tipper, G. H., 1787—6.**

———, *see* **Vredenburg, E. W., 1854—38.**

NATIONAL ARCHIVES OF INDIA

Lloyd, *Sir* W.

1078 . 1824. Observations on the Heights of the Himalaya Mountains, with the measurements of Lieut. A. Gerard and Mr. J. Gerard. *Edin. Phil. Journ.*, X, 18—21.

Lloyd, *Sir* W., *and* Gerard, Alex. *and* J. G.

1079 . 1840. Narrative of a Journey from Cawnpore to the Boorendro Pass in the Himalaya Mountains *viâ* Gwalior, Agra, Delhi, and Sirhind; and Capt. Alexander Gerard's account of an attempt to penetrate by Bekhur to Garoo, and the Lake Manasarowara, with a letter from the late J. G. Gerard, Esq., detailing a visit to the Shatool and Boorendro Passes, for the purpose of determining the line of perpetual snow on the southern face of the Himalaya, etc., etc. Edited by George Lloyd. 8°, 2 Vols., London.

Lloyd Williams, J.

1080 . 1802. Account of the Explosion of a Meteor, near Benares, in the East Indies; and of the falling of some Stones at the same time about 14 miles from that City. *Phil. Trans.*, XCII, 175—179; *Nich. Journ.*, II, 255—258; *As. Ann. Reg.*, IV, *Misc. Tracts*, 115—117.

Loch, G.

1081 . 1838. [Note on the Sylhet Coal.] *Journ. A. S. B.*, VII, 959—963.

Lock, A. G.

1082 . 1882. Gold: its Occurrence and Extraction. 8°, 1229 pp., London (Indian Region, pp. 269—366).

Lock, C. G. W., *see* **Warnford-Lock, C. G., 1889.**

Locke, J., *see* **Jannasch, P., 935.**

Lóczy, L. *von*

1083—1. 1883. A keleti Himalájába tett kirándulásárol (über seinen Ausflug in den östlichen Theil des Himalaya-Gebirges). *Földt. Közl.*, XIII, 211—213, 270—272.

—2. 1891. Die Reise des Grafen Széchenyi in China. *Compte Rendu, V. Congrès intern. geogr., Berne*, 397—408.

NATIONAL ARCHIVES OF INDIA

Lóczy, L. *von—contd.*

1083—3. 1893. Die wissenschaftliche Ergebnisse der Reise des Grafen Béla Széchenyi in Ostasien.—Beschreibung der fossilen Reste von Wirbelthieren und von Mollusken, und die palæontologisch-stratigraphischen Ergebnisse,—Vol. III, Pt. 1, 11—228 (Abst., *Neu. Jahrb. f. Min.*, 1895, I, *Ref.* 83—87, F. Toula; *Verh. k. k. Geol. Reichsanst.*, 1893, 396—400, A. Bittner).

—4. 1907. Megfigyelések á Keleti-Himalájában (1878, Februarius 8—28 között). *Bull. Soc. hongr. de Géogr.*, XXXV, 227—243, 293—310 (Abst., *Peterm. Mitth.*, LV, *Litt.*, 48, Oestreich).

Logan, A. C.

1084 . 1906. Old Chipped Stones of India. 8°, viii+85 pp., Calcutta (Review, *Journ. A. S. B.*, N. S., III, *Proc.* lxxxiv, E. W. Vredenburg; *Man*, VII, No. 68, S. H. Warren).

Logan, J. R.

1085—1. 1846. Journal of an Excursion from Singapúr to Malacca and Pinang. *Journ. R. Geogr. Soc.*, XVI, 304—324; *Indo-China*, Ser. 2, I, 1—20.

—2. 1846. Excursion from the Town of Singapúr to Púló U'bin, in the Northern Strait, in March, 1846. *Journ. R. Geogr. Soc.*, XVI, 324—331.

—3. 1847. On the Local and Relative Geology of Singapore, including Notices of Sumatra, the Malay Peninsula, etc. *Journ. A. S. B.*, XVI, 519—557, 667—684; *Indo-China*, Ser. 1, II, 64—112.

—4. 1847. Discovery of Coal in Ligor and Kedah on the West Coast of the Malay Peninsula. *Journ. Ind. Archipelago*, I, 151—168.

—5. 1848. Notice of the Discovery of Coal on one of the Islands (Junk Ceylon) on the Coast of the Malay Peninsula. *Quart. Journ. Geol. Soc.*, IV, Pt. 1, 1—2.

—6. 1848. Sketch of the Physical Geography and Geology of the Malay Peninsula. *Journ. Ind. Archipelago*, II, 83—138 (Abst., *Edin. N. Phil. Journ.*, XLV, 332—335).

NATIONAL ARCHIVES OF INDIA

Logan, J. R.—*contd.*

1085—7. 1848. Notices of the Geology of the East Coast of Johore. *Journ. Ind. Archipelago*, II, 625—631.

—8. 1849. The Rocks of Pulo Ubin, with some remarks on the Formation and Structure of Hypogene Rocks and on the Metamorphic Theory. *Verh. Batav. Genoots. Kunst. e. Weten.*, XXII, 1—44; *Indo-China*, Ser. 2, I, 21—71.

—9. 1851. Notices of the Geology of the Straits of Singapore. *Quart. Journ. Geol. Soc.*, VII, Pt. 1, 310—344; *Journ. Ind. Archipelago*, VI, 179—217.

Logan, W.

1086 . 1887. Malabar. 8°, 2 Vols., Madras.

Login, T.

1087—1. 1857. On the Delta of the Irrawaddy. *Proc. Roy. Soc. Edinb.*, III, 471—476.

—2. 1871. Memoranda on the most recent Geological changes of the Rivers and Plains of Northern India, founded on accurate Surveys and the Artesian-well Boring at Umballa, to show the practical application of Mr. Login's theory of the abrading and transporting power of Water to effect such changes. *Quart. Journ. Geol. Soc.*, XXVIII, Pt. 1, 186—200 (Abst., *Geol. Mag.*, Dec. 1, VIII, 429; *Phil. Mag.*, Ser. 4, XLIII, 155).

Lomas, J.

1088 . 1905. On the Origin of Adam's Bridge. *Spolia Zeyl.*, II, 202—204.

Longridge, J. A.

1089 . 1861. The Hooghly and the Mutla. *Proc. Inst. C. Eng.*, XXI, 2—32.

Longstaff, T. G.

1090—1. 1906. Six months' wandering in the Himalaya. *Alp. Journ.*, XXIII, 202—228 (Abst., *Peterm. Mitth.*, LV, *Litt.* 45, Oestreich).

NATIONAL ARCHIVES OF INDIA

Longstaff, T. G.—*contd.*

1090—2. 1906. A Journey in the Central Himalayas and Adjacent Parts of Tibet. *Rep. Brit. Assoc.*, LXXVI, 627 (*Abstract*).

—3. 1906. An attempt to climb Gurla Mandhata. SHERRING'S *Western Tibet*, Chap. XII, 213—231.

—4. 1907. Notes on a Journey through the Western Himalaya. *Geogr. Journ.*, XXIX, 201—211.

—5. 1908. A Mountaineering Expedition to the Himalaya of Garhwal. *Geogr. Journ.*, XXXI, 361—395.

—6. 1910. Glacier Exploration in the Eastern Karakoram. *Geogr. Journ.*, XXXV, 622—658 (Abst., *La Géographie*, XXIII, 140—143, C. Rabot).

—7. 1911. The Survey of the Himalaya. *Geogr. Journ.*, XXXVII, 195—198.

Lord, P. B.

1091—1. 1836. [Note on the silting up of the Port of Cambay, and on the cornelian Industry of that Town.] *Journ. R. As. Soc.*, III, *Proc.*, lxxvii—lxxxi.

—2. 1838. Some account of a visit to the plain of Koh-i-Daman, the mining district of Ghorband, and the pass of Hindu Kush, with a few general observations respecting the structure and conformation of the country from the Indus to Kabul. *Journ. A. S. B.*, VII, 521—537 (Review, *Cal. Journ. Nat. Hist.*, I, 564—574, M. A. S. B.).

Lörenthey, Emerich.

1092 . 1899. Die wissenschaftliche Ergebnisse der Reise des Grafen Béla Széchenyi in Ostasien.—Mikroskopische Untersuchungen der palæozoischen Gesteine.—Vol. III, Pt. 1, 239—304.

Lorenz, Th.

1093 . 1905. Beiträge zur Geologie und Palæontologie von Ostasien unter besonderer Berücksichtigung der Provinz Schantung in China. *Zeits. deutsch. Geol. Gesell.*, LVII, 438—497 : LVIII, 53—108.

NATIONAL ARCHIVES OF INDIA

Loughridge, R. H., *see* **Hilgard, E. W., 835.**

Louis, H.

1094—1. **1891.** A Chinese System of Gold-milling [Federated Malay States]. *Trans. Amer. Inst. Min. Eng.*, XX, 324—336.

—2. **1893.** The Ruby and Sapphire Deposits of Moung Khung, Siam. *Mineral. Mag.*, X, 267—272.

—3. **1896.** Note on the Tellurium Mineral of Choukpazat, Burma. *Trans. N. E. Inst. Min. Eng.*, XLVI, 129; *Trans. Inst. Min. Eng.*, XII, 513.

—4. **1897.** Note on Altaite from Burma. *Mineral. Mag.*, XI, 215—216 (Abst., *Journ. Chem. Soc.*, LXXII, Pt. 2, 409, L. J. S.; *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 190, K. Busz; *Zeits. f. Kryst.*, XXXI, 191, C. Hintze).

———, *see* **Martin, E. P., 1179.**

Lovett, Beresford.

1095 . **1874.** Narrative of a Visit to the Kuh-i-Khwajah in Sistan. *Journ. R. Geogr. Soc.*, XLIV, 145—152.

Low, C. E.

1096—1. **1907.** Minerals of the Balaghat District, Central Provinces. *Balaghat Dist. Gazetteer, A*, 225—233.

—2. **1908.** Note on Wolframite Discoveries in India. *Min. Journ.*, LXXXIII, 378.

Low, J.

1097—1. **1827.** Notice of the Phoonga Caves in Junk Ceylon. *As. Journ.*, XXII, 573; *Edin. Journ. Sci.*, VII, 57.

—2. **1829.** Observations on the Geological Appearances and General Features of portions of the Malayan Peninsula, and of the Countries lying betwixt it and 18° North Latitude. *As. Res.*, XVIII, Pt. 1, 128—162; *Journ. R. As. Soc.*, III, 305—326; *Indo-China*, Ser. 1, I, 179—201 (Review, *Glean. Sci.*, 1, 222—225; *As. Journ.*, XXVII, 198—200, 336—338).

NATIONAL ARCHIVES OF INDIA

Low, J.—*contd.*

1097—3. 1836. A brief dissertation on the soil and agriculture of the British Settlement of Penang or Prince of Wales' Island, in the Straits of Malacca; including the Province of Wellesley, on the Malayan Peninsula, with brief references to the Settlements of Singapore and Malacca. 8°, Singapore.

—4. 1839. Journal of a pedestrian Tour through the Provinces of Tavoy, Yea, and Martaban, in 1825; with observations on the Provinces to the Northward, from Martaban; and on the Laos. *Journ. R. As. Soc.*, V, 141—164, 216—263.

—5. 1847. Notes on the Geological Features of Singapore and some of the Islands adjacent. *Journ. Ind. Archipelago*, I, 83—100.

—6. 1847. Notes on the Coal deposits which have been discovered along the Siamese Coast from Pinang to the vicinity of Junkceylon. *Journ. Ind. Archipelago*, I, 145—149.

Lubbock, Guy.

1098 . 1894. The Gohna Lake. *Geogr. Journ.*, IV, 457.

Ludlow, S.

1099 . 1826. Account of the Mineral Spring of Sonah, in Goorgaon. *Trans. Med. Phys. Soc. Calcutta*, III, 19—24; *As. Journ.*, XXII, 575.

Lumpe, E.

1100 . 1871. Analyse der Meteorstein von Shergotty. *Mineral. Mitth.*, I, 55—56; *Jahrb. k. k. Geol. Reichsanst.*, XXI, Pt. 2, 55—56.

Lumsden, D. H., and Williamson, Noël.

1101 . 1911. A Journey into the Abor Country, 1909. *Geogr. Journ.*, XXXVII, 621—628.

Lumsden, J. Grant.

1102 . 1841. [A Description of the Island of Perim, in the Gulf of Cambay.] *Journ. Bo. As. Soc.*, I, 25—30.

NATIONAL ARCHIVES OF INDIA

Lumsden, *Sir* P.

1103 . 1885. Countries and Tribes bordering on the Koh-i-Baba Range. *Proc. R. Geogr. Soc.*, N. S., VII, 561—583.

Lush, C.

1104—1. 1836. Geological Notes on the Northern Conkan, and a small portion of Guzerat and Kattywar. *Journ. A. S. B.*, V, 761—768 (Abst., *Bibl. Univ.*, N. S., XII, 221—223, I. M.; *Western India*, 496—497, H. J. Carter).

—2. 1841. [Note on the Geology of Perim Island.] *Journ. Bo. As. Soc.*, I, 11—13.

Lushington, G. S.

1105 . 1843. Report on the Government experimental working of the Copper Mines of Pokra in Gharwal, with notices of other Copper Mines. *Journ. A. S. B.*, XII, 453—472, 769; *Kumaon*, 367—384.

———, *see* **Drummond, H., 504**—4.

Luttman-Johnson, H.

1106 . 1898. The Earthquake in Assam. *Journ. Soc. Arts*, XLVI, 473—495.

Lyall, *Sir* A. C.

1107 . 1870. Gazetteer for the Haidarábád Assigned Districts, commonly called Berár. 8°, 282 pp., Bombay (Chap. II, Mountains, Geology and Minerals. Compiled from papers by Dr. Voysey, Dr. T. Oldham, and Mr. A. B. Wynne).

Lyall, *Sir* C. J.

1108 . 1903. The Province of Assam. *Journ. Soc. Arts*, LI, 612—633.

Lydekker, R.

1109—1. 1875. List of the Fossils collected by Mr. A. B. Wynne in the Khareean Hills, Upper Punjab. *Rec. G. S. I.*, VIII, 48—49.

—2. 1876. Indian Tertiary and Post-Tertiary Vertebrata.—Molar teeth and other remains of Mammalia. *Pal. Indica*, Ser. X, I, Pt. 2, 19—87 (Abst., *Journ. Sci.*, Ser. 2, VIII, 405).

NATIONAL ARCHIVES OF INDIA

Lydekker, R.—*contd.*

1109—3. 1876. Description of a Cranium of Stegodon Ganesa, with notes on the sub-genus and allied forms. *Rec. G. S. I.*, IX, 42—49.

—4. 1876. Notes on the Fossil Mammalian Faunæ of India and Burma. *Rec. G. S. I.*, IX, 86—106, 154.

—5. 1876. Notes on the Osteology of *Merycopotamus dissimilis*. *Rec. G. S. I.*, IX, 144—153.

—6. 1876. Occurrence of Plesiosaurus in India. *Rec. G. S. I.*, IX, 154.

—7. 1876. Notes on the Geology of the Pir Panjal and neighbouring Districts. *Rec. G. S. I.*, IX, 155—162.

—8. 1876. [Exhibition of lower jaw of *Tetraconodon magnum*.] *Proc. A. S. B.*, 172.

—9. 1877. Notices of new and other Vertebrata from Indian Tertiary and Secondary Rocks. *Rec. G. S. I.*, X, 30—43.

—10. 1877. Notices of new or rare Mammals from the Siwaliks. *Rec. G. S. I.*, X, 76—83.

—11. 1877. Note on the genera *Chœromeryx* and *Rhagatherium*. *Rec. G. S. I.*, X, 225.

—12. 1878. Indian Tertiary and Post-Tertiary Vertebrata.—Crania of Ruminants. *Pal. Indica*, Ser. X, I, Pt. 3, 88—171; Supplement, *Ibid.*, Pt. 4, 172—181 (Abst., *Journ. Sci.*, Ser. 3, I, 120).

—13. 1878. Notes on the Geology of Kashmir, Kishtwar and Pangi. *Rec. G. S. I.*, XI, 30—64 (Abst., *Geol. Mag.*, Dec. 2, V, 313—315).

—14. 1878. Notices of Siwalik Mammals. *Rec. G. S. I.*, XI, 64—104.

—15. 1878. [Exhibition of the palate of a fossil Anthropoid Ape from the Siwaliks.] *Proc. A. S. B.*, 191.

NATIONAL ARCHIVES OF INDIA

Lydekker, R.—*contd.*

1109—16. 1879. Indian Pre-Tertiary Vertebrata.—Reptilia and Batrachia (Amphibia). *Pal. Indica*, Ser. IV, I, Pt. 3, 1—36 (Abst. *Neu. Jahrb. f. Min.*, 1879, 977—981, W. Waagen).

—17. 1879. Geology of Kashmir (3rd Notice). *Rec. G. S. I.*, XII, 15—32 (Abst., *Neu. Jahrb. f. Min.*, 1879, 947—950, W. Waagen).

—18. 1879. Further Notices of Siwalik Mammalia. *Rec. G. S. I.*, XII, 33—52 (Abst., *Neu. Jahrb. f. Min.*, 1880, I, *Ref.*, 114—117, W. Waagen).

—19. 1879. Notes on some Siwalik Birds. *Rec. G. S. I.*, XII, 52—57 (Abst., *Neu. Jahrb. f. Min.*, 1880, I, *Ref.*, 117, W. Waagen).

—20. 1879. Popular guide to the Geological collections in the Indian Museum, Calcutta, No. 1,—Tertiary vertebrate animals. 8°, Calcutta.

—21. 1880. Siwalik and Narbada Proboscidia. *Pal. Indica*, Ser. X, I, Pt. 5, 182—300 + i—xxx; Supplement, *Ibid.*, II, Pt. 2, 63—66 (Abst., *Neu. Jahrb. f. Min.*, 1886, I, *Ref.* 331—332, E. Koken; *Journ. Sci.*, Ser. 3, III, 239—240).

—22. 1880. Geology of Ladak and neighbouring districts, being fourth notice of geology of Kashmir and neighbouring territories. *Rec. G. S. I.*, XIII, 26—59.

—23. 1880. Teeth of Fossil Fishes from Ramri Island and the Punjab. *Rec. G. S. I.*, XIII, 59—61.

—24. 1880. A Sketch of the History of the Fossil Vertebrata of India. *Journ. A. S. B.*, XLIX, Pt. 2, 8—40.

—25. 1881. Siwalik Rhinocerotidæ. *Pal. Indica*, Ser. X, II, Pt. 1, 1—62.

—26. 1881. Geology of Part of Dardistan, Baltistan, and neighbouring Districts, being fifth notice of the Geology of Kashmir and Neighbouring Territories. *Rec. G. S. I.*, XIV, 1—56 (Abst., *Neu. Jahrb. f. Min.*, 1882, I, *Ref.* 388—390, W. Waagen).

NATIONAL ARCHIVES OF INDIA

Lydekker, R.—*contd.*

1109—27. 1881. Note on some Siwalik Carnivora. *Rec. G. S. I.*, XIV, 57—66.

—28. 1881. Note on some Mammalian Fossils from Perim Island, in the collection of the Bombay Branch of the Royal Asiatic Society. *Rec. G. S. I.*, XIV, 155—156.

—29. 1881. Note on some Gondwana Vertebrates. *Rec. G. S. I.*, XIV, 174—178.

—30. 1881. Observations on the Ossiferous Beds of Hundes in Tibet. *Rec. G. S. I.*, XIV, 178—184 (Abst., *Neu. Jahrb. f. Min.*, 1883, I, *Ref.* 52—53, W. W.).

—31. 1882. Siwalik and Narbada Equidæ. *Pal. Indica*, Ser. X, II, Pt. 3, 67—98 (Abst., *Neu. Jahrb. f. Min.*, 1886, I, *Ref.* 336—337, E. Koken).

—32. 1882. Siwalik Camelopardidæ. *Pal. Indica*, Ser. X, II, Pt. 4, 99—142 (Abst., *Neu. Jahrb. f. Min.*, 1886, I, *Ref.* 337—339, E Kok n).

—33. 1882. Geology of North-West Kashmir and Khagan (being sixth notice of Geology of Kashmir and neighbouring territories). *Rec. G. S. I.*, XV, 14—24 (Abst., *Neu. Jahrb. f. Min.*, 1883, I, *Ref.* 50—51, W. W.).

—34. 1882. On some Gondwana Labyrinthodonts. *Rec. G. S. I.*, XV, 24—28.

—35. 1882. Note on some Siwalik and Jamna Mammals. *Rec. G. S. I.*, XV, 28—33.

—36. 1882. Note on some Siwalik and Narbada Fossils. *Rec. G. S. I.*, XV, 102—107.

—37. 1883. Siwalik Selenodont Suina, etc. *Pal. Indica*, Ser. X, II, Pt. 5, 143—177 (Abst., *Neu. Jahrb. f. Min.*, 1885, II, *Ref.* 148—150, Branco).

—38. 1883. The Geology of the Kashmir and Chamba Territories, and the British District of Khagan. *Mem. G. S. I.*, XXII, 1—344 (Review, *Geol. Mag.*, Dec. 2, X, 467—473; *Peterm. Mitth.*, XXXV, *Litt.* 191—192, Supan).

NATIONAL ARCHIVES OF INDIA

Lydekker, R.—*contd.*

1109—39. 1883. Synopsis of the Fossil Vertebrata of India. *Rec. G. S. I.*, XVI, 61—93 (Abst., *Journ. Sci.*, Ser. 3, VI, 44—45).

—40. 1883. Note on the Bijori Labyrinthodont. *Rec. G. S. I.*, XVI, 93—94.

—41. 1883. Note on a skull of *Hippotherium antilopinum*. *Rec. G. S. I.*, XVI, 94.

—42. 1883. Note on the Probable Occurrence of Siwalik Strata in China and Japan. *Rec. G. S. I.*, XVI, 158—161.

—43. 1883. Note on the Occurrence of *Mastodon angustidens* in India. *Rec. G. S. I.*, XVI, 161—162.

—44. 1884. Siwalik and Narbada Carnivora. *Pal. Indica*, Ser. X, II, Pt. 6, 178—363 + i—xv (Review, *Geol. Mag.*, Dec. 3, I, 424—428; *Ann. Mag., Nat. Hist.*, Ser. 5, XII, 274—280, XIV, 285—291; *Nature*, XXIX, 599—602; Abst., *Neu. Jahrb. f. Min.*, 1887, I, *Ref.* 459—461, E. Koken).

—45. 1884. Additional Siwalik Perissodactyla and Proboscidia. *Pal. Indica*, Ser. X, III, Pt. 1, 1—34 (Abst., *Neu. Jahrb. f. Min.*, 1886, I, *Ref.* 332—335, E. Koken).

—46. 1884. Siwalik and Narbada Bunodont Suina. *Pal. Indica*, Ser. X, III, Pt. 2, 35—104 (Abst., *Neu. Jahrb. f. Min.*, 1887, I, *Ref.* 134—136, E. Koken).

—47. 1884. Rodents and new Ruminants from the Siwaliks, and Synopsis of Mammalia. *Pal. Indica*, Ser. X, III, Pt. 3, 105—134 (Abst., *Neu. Jahrb. f. Min.*, 1886, I, *Ref.* 468, E. Koken).

—48. 1884. Siwalik Birds. *Pal. Indica*, Ser. X, III, Pt. 4, 135—147 (Abst., *Neu. Jahrb. f. Min.*, 1886, I, *Ref.* 471, E. Koken).

—49. 1884. Mastodon Teeth from Perim Island. *Pal. Indica*, Ser. X, III, Pt. 5, 149—154 (Abst., *Neu. Jahrb. f. Min.*, 1886, I, *Ref.* 332, E. Koken).

NATIONAL ARCHIVES OF INDIA

Lydekker, R.—*contd.*

1109—50. 1884. Note on the occurrence of the genus *Lyttonia*, Waag., in the Kuling Series of Kashmir. *Rec. G. S. I.*, XVII, 37.

—51. 1884. Notes on some Fossil Carnivora and Rodentia. *Geol. Mag.*, Dec. 3, I, 442—445.

—52. 1884. Note on the Distribution in Time and Space of the Genera of Siwalik Mammals and Birds. *Geol. Mag.*, Dec. 3, I, 489—492 (Abst., *Neu. Jahrb. f. Min.*, 1885, II, *Ref.* 339—341, Branco).

—53. 1884. Note on a New Species of *Merycopotamus*. *Geol. Mag.*, Dec. 3, I, 545—547.

—54. 1884. Catalogue of Vertebrate Fossils from the Siwaliks of India in the Science and Art Museum, Dublin. *Trans. R. Dub. Soc.*, III, 69—86.

—55. 1885. Siwalik and Narbada Chelonia. *Pal. Indica*, Ser. X, III, Pt. 6, 155—208 (Review, *Geol. Mag.*, Dec. 3, II, 371—372; *Ann. Mag., Nat. Hist.*, Ser. 5, XVI, 66—72; XVIII, 69—71; *Neu. Jahrb. f. Min.*, 1886, I, *Ref.* 473—476, E. Koken).

—56. 1885. The Labyrinthodont from the Bijori Group. *Pal. Indica*, Ser. IV, I, Pt. 4, 1—16 (Review, *Geol. Mag.*, Dec. 3, II, 370—371; *Ann. Mag. Nat. Hist.*, Ser. 5, XVI, 72—73; *Neu. Jahrb. f. Min.*, 1886, II, *Ref.* 292—293, Dames).

—57. 1885. The Reptilia and Amphibia of the Maleri and Denwa Groups. *Pal. Indica*, Ser. IV, I, Pt. 5, 1—38 (Review, *Ann. Mag. Nat. Hist.*, Ser. 5, XVII, 532—534).

—58. 1885. Note on a second species of Siwalik Camel (*Camelus antiquus*, nobis, ex. Falc. and Caut. M. S.). *Rec. G. S. I.*, XVIII, 78—79.

—59. 1885. Note on a third species of *Merycopotamus*. *Rec. G. S. I.*, XVIII, 145—146 (Abst., *Neu. Jahrb. f. Min.*, 1886, II, *Ref*, 380, E. Koken).

NATIONAL ARCHIVES OF INDIA

Lydekker, R.—*contd.*

1109—60. 1885. Note on Three Genera of Fossil Artiodactyla, with Description of a New Species. *Geol. Mag.*, Dec. 3, II, 63—73.

—61. 1885. A Revision of the Antelopes of the Siwaliks. *Geol. Mag.*, Dec. 3, II, 169—171.

—62. 1885. Note on some Siwalik Bones erroneously referred to a Struthoid [*Dromæus* (?) *sivalensis*, Lyd.]. *Geol. Mag.*, Dec. 3, II, 237—238.

—63. 1885. Catalogue of the Remains of Siwalik Vertebrata contained in the Geological Department of the Indian Museum, Calcutta. Part I, Mammalia. (1886), Part II, Aves, Reptilia and Pisces. 8°, Calcutta.

—64. 1886. Siwalik Crocodilia, Lacertilia, and Ophidia. *Pal. Indica*, Ser. X, III, Pt. 7, 209—240 (Review, *Geol. Mag.*, Dec. 3, III, 173—174; *Neu. Jahrb. f. Min.*, 1887, II, *Ref.* 367—369, Koken).

—65. 1886. Tertiary Fishes. *Pal. Indica*, Ser. X, III, Pt. 8, 241—264 + i—xxiv.

—66. 1886. Siwalik Mammalia.—Supplement 1. *Pal. Indica*, Ser. X, IV, Pt. 1, 1—21 (Abst., *Neu. Jahrb. f. Min.*, 1888, II, *Ref.* 136—137, Koken).

—67. 1886. The Fauna of the Karnul Caves. *Pal. Indica*, Ser. X, IV, Pt. 2, 23—58 (with addendum to Pt. 1).

—68. 1886. Preliminary note on the Mammalia of the Karnul Caves. *Rec. G. S. I.*, XIX, 120—122.

—69. 1886. Note on the Gondwana Homotaxis. *Rec. G. S. I.*, XIX, 133—134.

—70. 1886. On a new Emydine Chelonian from the Pliocene of India. *Quart. Journ. Geol. Soc.*, XLII, 540—541 (Abst., *Geol. Mag.*, Dec. 3, III, 380).

NATIONAL ARCHIVES OF INDIA

Lydekker, R.—*contd.*

1109—71. 1886. Description of a Jaw of *Hyotherium*, from the Pliocene of India. *Quart. Journ. Geol. Soc.*, XLIII, 19—23 (Abst., *Geol. Mag.*, Dec. 3, III, 574; *Neu. Jahrb. f. Min.*, 1888, I, *Ref.* 104—105, Koken).

—72. 1886. The "Fauna Antiqua Sivalensis." *Geol. Mag.*, Dec. 3, III, 43—44.

—73. 1886. Catalogue of the Remains of Pleistocene and Pre-Historic Vertebrata, contained in the Geological Department of the Indian Museum, Calcutta. 8°, Calcutta.

—74. 1887. Eocene Chelonia from the Salt Range. *Pal. Indica*, Ser. X, IV, Pt. 3, 59—65 (Abst., *Geol. Mag.*, Ser. 3, V, 229—230; *Neu. Jahrb. f. Min.*, 1889, I, *Ref.* 148—149, E. Koken).

—75. 1887. The Fossil Vertebrata of India. *Rec. G. S. I.*, XX, 51—80.

—76. 1887. On certain Dinosaurian Vertebræ from the Cretaceous of India and the Isle of Wight. *Quart. Journ. Geol. Soc.*, XLIII, 156—160 (Abst., *Geol. Mag.*, Dec. 3, IV, 93; *Neu. Jahrb. f. Min.*, 1888, I, *Ref.* 114—115, Dames).

—77. 1887. Catalogue of Fossil Mammalia in the British Museum. 5 Parts, 8°, London.

—78. 1888. Notes on Indian Fossil Vertebrates. *Rec. G. S. I.*, XXI, 145—148.

—79. 1889. On the Generic Position of the so-called Plesiosaurus indicus. *Rec. G. S. I.*, XXII, 49—51 (Abst., *Neu. Jahrb. f. Min.*, 1891, II, *Ref.* 347, Dames).

—80. 1889. Notes on Siwalik and Narbada Chelonia. *Rec. G. S. I.*, XXII, 56—58.

—81. 1889. On the Land-Tortoises of the Siwaliks. *Rec. G. S. I.*, XXII, 209—212.

—82. 1889. Note on the Pelvis of a Ruminant from the Siwaliks. *Rec. G. S. I.*, XXII, 212—214.

NATIONAL ARCHIVES OF INDIA

Lydekker, R.—*concld.*

1109—83. **1889.** On the Tortoises described as Chaibassia. *Journ. A. S. B.*, LVIII, Pt. 2, 327—333 (Abst., *Neu. Jahrb. f. Min.*, 1891, II, *Ref.* 156, E. Koken).

—84. **1890.** On the Pectoral and Pelvic Girdles and Skull of the Indian Dicynodonts. *Rec. G. S. I.*, XXIII, 17—20 (Abst., *Neu. Jahrb. f. Min.*, 1891, II, *Ref.* 346, Dames).

—85. **1890.** Note on some Fossil Indian Bird Bones. *Rec. G. S. I.*, XXIII, 235—236.

—86. **1890.** Note on certain Teeth referred to *Hyænodon indicus*. *Geol. Mag.*, Dec. 3, VII, 402—403.

—87. **1891.** On a collection of Mammalian Bones from Mongolia. *Rec. G. S. I.*, XXIV, 207—211.

—88. **1901.** On the Skull of a Chiru-like Antelope from the Ossiferous Deposits of Hundes (Tibet). *Quart. Journ. Geol. Soc.*, LVII, 289—292 (Abst., *Geol. Mag.*, Dec. 4, VIII, 329; *Revue Pal.*, VI, 104).

Lydekker, R., *and* Woodward, A. Smith.

1110 . **1890.** Note on certain Vertebrate Remains from the Nagpur District (with description of a Fish-skull by A. Smith-Woodward, F.G.S.). *Rec. G. S. I.*, XXIII, 20—24 (Abst., *Neu. Jahrb. f. Min.*, 1891, II, *Ref.* 342, Dames).

Lyell, *Sir* C.

1111 . **1837.** [Address to the Geological Society of London on the occasion of the presentation of Wollaston medals to Capt. Proby Cautley and Dr. H. Falconer.] *Journ. A. S. B.*, VI, 891—892.

Lyman, B. S.

1112—1. **1870.** General Report on the Punjab Oil Lands. Fol, 46+iii pp., Lahore (Abst., *Ann. des Mines*, Ser. 6, XX, 318—324, M. Vital).

—2. **1872.** The Topography of the Punjab Oil Region. *Trans. Amer. Phil. Soc.*, N. S., XV, 1—14.

NATIONAL ARCHIVES OF INDIA

Lyon, J. B.

1113—1. 1878. [Report on a Meteorite which fell near Bhagur in Khandesh in November, 1877.] *Journ. Bo. As. Soc.*, XIV, *Proc.* v.

—2. 1880. Report on a Meteorite which fell at Kalambi in the Sattara Collectorate on the 4th November 1879. *Journ. Bo. As. Soc.*, XIV, Proc., lvi—lvii.

M

M., ————

1114 . 1829. Account of a Visit to the Bians Pass in the Indo-Gangetic Range beyond the Head of the Kali River. *Glean. Sci.*, I, 97—99.

M., ———— B. D.

1115 . 1827. [On the recent discovery of Fossil Bones in Ava.] *As. Journ.*, XXIV, 684.

McCale, C. H.

1116—1. 1912. Pillar Working in the Raniganj and Jharia Coal fields. *Trans. Min. Geol. Inst. Ind.*, VII, 42—69.

—2. 1913. Two Underground Fires at a Colliery in the Raniganj Coal field. *Trans. Min. Geol. Inst. Ind.*, VII, 325—352.

—3. 1915. Laying out a Pit Bottom for an Indian Colliery. *Trans. Min. Geol. Inst. Ind.*, IX, 113—126.

McClelland, J.

1117—1. 1834. Notice of some Fossil Impressions occurring in the Transition Limestone of Kamaon. *Journ. A. S. B.*, III, 628—631.

—2. 1835. Some Inquiries in the Province of Kemaon, relative to Geology and other branches of Natural Science. 8°, 384 pp., Calcutta.

—3. 1835. On Fossil Shells found in the Kasya Hills. *Journ. A. S. B.*, IV, 520.

NATIONAL ARCHIVES OF INDIA

McClelland, J.—*contd.*

1117—4. 1836. [Exhibition of Geological Specimens from Assam.] *Journ. A. S. B.*, V, 519.

—5. 1837. Catalogue of Geological Specimens from Kemaon presented to the Asiatic Society. *Journ. A. S. B.*, VI, 653—661.

—6. 1837. Series of Geological Specimens from the Abor or sub-Himalayan mountains in the 95° E. Long. and about 28° 15′ N. Lat. lying between the confluence of the Dihong and Dibong rivers in Upper Assam. *Journ. A. S. B.*, VI, 661—663.

—7. 1837. Report on the Physical Condition of the Assam Tea Plant, with reference to Geological Structure, Soils, and Climate. *Trans. Agri. Hort. Soc. Ind.*, IV, 1—58; *Mad. Journ. Lit. Sci.*, VI, 423—444.

—8. 1837. [Letter to Sir C. Lyell, on the Geology of Assam.] *Proc. Geol. Soc.*, II, 566—568; *Phil. Mag.*, Ser. 3, XI, 390—393 (Abst., *Bull. Soc. Géol. France*, Ser. 1, IX, 101; XI, 269—270; *Bibl Univ.*, N. S., XIV, 189—192, I. M.; *Neu. Jahrb. f. Min.*, 1838, 584—586).

—9. 1838. On the difference of level in Indian Coal fields, and the causes to which this may be ascribed. *Journ. A. S. B.*, VII, 65—83.

—10. 1838. [Letter announcing discovery of Coal at Borhath and Jeypore in Assam.] *Journ. A. S. B.*, VII, 169—170.

—11. 1838. Note on specimens of mud brought up from the Swatch of no ground in the Bay of Bengal. *Journ. A. S. B.*, VII, 369.

—12. 1838. Report upon the Coal beds of Assam (Supplement to the Coal Committee's first printed Report). *Journ. A. S. B.*, VII, 948—963.

—13. 1838. [Remarks on the "Swatch of no ground," and on a fragment of sandstone from the *Terribles*.] *Journ. A. S. B.*, VII, 986—987.

NATIONAL ARCHIVES OF INDIA

McClelland, J.—*contd.*

1117—14. 1838. On the genus *Hexaprotodon* of Dr. Falconer and Captain Cautley. *Journ. A. S. B.*, VII, 1038—1047 (Abst. *Neu. Jahrb. f. Min.*, 1842, 628—629).

—15. 1838. Reports of a Committee for investigating the Coal and Mineral Resources of India. 8°, 96+14 pp., Calcutta; *Mad. Journ. Lit. Sci.*, VIII, 153—196 (Abst. *As. Journ.* N. S., XXVI, Pt. 2, 71, 139—140; *Alex. E. I. Mag.*, XV, 564—568).

—16. 1840. Report of the Coal Committee. *Journ. A. S. B.* IX, 198—214; *Mad. Journ. Lit. Sci.*, XI, 355—371.

—17. 1841. Reports and Abstracts of the Proceedings of a Committee for the investigation of the Coal and Mineral Resources of India, brought up to May 1841. Fol., xi+77+xxiv pp., Calcutta; *Alex. E. I. Maj.*, XXI, 144—150.

—18. 1841. [Note on specimens of Petroleum from Ramree I.] *Coal Com. Rep.*, 1841, Appendix No. 9, xiv—xvi.

—19. 1841. On Cyrtoma, a new genus of Fossil Echinida. *Cal. Journ. Nat. Hist.*, I, 155—187.

—20. 1841. On Stone and Marble quarries at Mirzapore. *Cal. Journ. Nat. Hist.*, I, 429—430.

—21. 1841. Remarks on the Deposits of the Calcutta basin. *Cal. Journ. Nat. Hist.*, I, 452—458.

—22. 1842. Extracts from a letter to Government on Tin in Mergui. *Journ. A. S. B.*, XI, 25.

—23. 1842. Revised Notes on Fossils, discovered by Messrs. Kaye and Cunliffe, Madras Civil Service, at Seedrapett. *Cal. Journ. Nat. Hist.*, II, 238—244.

—24. 1842. On the Manufacture of Salt in India. *Cal. Journ. Nat. Hist.*, II, 244—257.

—25. 1842. Abstract of the Proceedings of a Committee for the Investigation of the Coal and Mineral Resources of India, brought up to April 1842. Fol., Calcutta.

NATIONAL ARCHIVES OF INDIA

McClelland, J.—*concld.*

1117—26. 1843. Barren Island in the Bay of Bengal. *Cal. Journ. Nat. Hist.*, III, 422—424.

—27. 1844. Notice of a Fossil Fish,—the supposed Rana diluvii testis, or "Fossil Batrachian" of Dr. Cantor. *Cal. Journ. Nat. Hist.*, IV, 83—87.

—28. 1845. [Note on the manufacture of Epsom Salts from the Magnesite of Salem, Madras Presidency.] *Cal. Journ. Nat. Hist.*, V, 441—444.

—29. 1845. Note on Coal from the Falls of the Jamuna, in Assam. *Cal. Journ. Nat. Hist.*, V, 444.

—30. 1845. Analytical Report on specimens of Coal from the Nicobars, 31st May 1845. *Sel. Rec. Govt. India*, LXXVII, 28.

—31. 1846. Report of a Committee for the investigation of the Coal and Mineral Resources of India for May 1845. 8°, Calcutta.

—32. 1848. Notices regarding some fossil specimens from the neighbourhood of Lullutpore. *Journ. Agri. Hort. Soc. Ind.*, VI, Pt. 2, 5—6.

—33. 1850. Report of the Geological Survey of India, for the Season of 1848-49, comprising I.—General Remarks; II.—Geognosy; III.—Description of Plates and Collections, together with a List of Heights above the Sea of the principal places referred to, also detailed Maps and Sections of the Districts examined, etc. 4°, 92 pp., Calcutta.

—34. 1853. Note on the Discharge of Water by the Irrawaddy. *Journ. A. S. B.*, XXII, 480—484.

—35. 1855. Report on the Southern Forests of Pegu. *Sel. Rec. Govt. India*, IX, 6—26.

—36. 1863. The Coal Fields of India. *Coll. Guard.*, VI, 145—146, 212—213.

———, *see* **Griffith, W., 709—4.**

NATIONAL ARCHIVES OF INDIA

McCosh, J.

1118—1. 1835. The Topography of Assam. *Ind. Journ. Med. Phys. Sci.*, II, 378—383, 420—424.

—2. 1860. On the various Lines of Overland Communication between India and China. *Proc. R. Geogr. Soc.*, V, 47—54 (*Abst.*).

Macdonald, G., *see* **Blanford, H. F., 147—11.**

McDonell, E.

1119 . 1856. [Note on a Meteorite which fell at Sajoulee, near Bettiah, March 6, 1853.] *Journ. A. S. B.*, XXV, 170.

McFarlane, W.

1120 . 1907. The Barakar Iron Works. *Trans. Min. Geol. Inst. Ind.*, I, 147—154 (Abst., *Journ. I. S. Inst.*, LXXV, 455 ; *Stahl u. Eisen*, XXVIII, 958—959).

McGee, W. J.

1121 . 1880. The "Laterite" of the Indian Peninsula. *Geol. Mag.*, Dec. 2, VII, 310—313.

MacGeorge, G. W.

1122 . 1873. On the resistance of Sandstone (Kamthi) and Mortar to thrusting stress. *Prof. Papers Ind. Eng.*, Ser. 2, II, 400—407.

McGowan, P. S.

1123 1881. Narrative Report on the Artesian Well at Sabzulkot, Southern Derajat, Punjab. *Sel. Rec. Govt. India*, CLXXVIII, 66—76.

Macgregor, C. R.

1124 . 1886. Journey of the Expedition under Colonel Woodthorpe, R.E., from Upper Assam to the Irawadi, and return over the Patkoi Range. *Proc. R. Geogr. Soc.*, N. S., IX, 19—42.

———, *see* **Godwin-Austen, H. H., 669—27.**

MacGregor, G. H.

1125 . 1844. A Geographical Notice of the Valley of Jullalabad. *Journ. A. S. B.*, XIII, 867—880.

NATIONAL ARCHIVES OF INDIA

Machado, A. D.

1126 . 1900. The Hot Springs of Ulu Jelai, Pahang. *Journ. Str. As. Soc.*, XXXIII, 263—264.

Machlachlan, J.

1127 . 1804. The Mines and Manufactures of the East Indies. *Trans. Soc. Enc. Arts.*, XXII, 206—215; *Phil. Mag.*, XXIII, 227—230 (Abst., *Nich. Journ.*, XI, 294—295 *Gilberts' Ann. d. Phys.*, XXV, 120).

McKennie, J.

1128 . 1859. Eight years' observations upon the effect of the Groynes (twenty in number), with which is an attempted exposition of the theory of the Madras Surf. *Mad. Journ Lit. Sci.*, N. S., V, 342—348.

Mackenzie, C.

1129 . 1799. Account of the Pagoda at Perwuttum. *As. Res.*, V, 303—314.

Mackenzie, G.

1130 . 1883. A manual of the Kistna District, in the Presidency of Madras. 8°, 445 pp., Madras (Chap. VII deals with the Geology).

Mackeson, F.

1131—1. 1837. Journal of Capt. C. M. Wade's voyage from Lodiana to Mithankot by the river Sutlaj, on his Mission to Lahor and Bahawalpur in 1832-33. *Journ. A. S. B.*, VI, 169—217.

—2. 1844. Report on the Route from Seersa to Bahawalpore. *Journ. A. S. B.*, XIII, 297—313.

Mackie, S. J.

1132 . 1858. [Note on the Geological Age of the Himalaya.] *Geologist*, I, 116.

Maclagan, R.

1133 . 1885. The Rivers of the Punjab. *Rep. Brit. Assoc.*, LV, 1129—1131; *Proc. R. Geogr. Soc.*, N. S., VII, 705—719 (Abst., *Scot. Geogr. Mag.*, I, 512—513; *Peterm. Mitth.*, XXXII, *Litt.* 35—36, Supan).

NATIONAL ARCHIVES OF INDIA

Maclaren, J. Malcolm

1134—1. 1904. The Auriferous Occurrences of Chota Nagpur, Bengal. *Rec. G. S. I.*, XXXI, 59—91.

—2. 1904. The Geology of Upper Assam. *Rec. G. S. I.*, XXXI, 179—204 (Abst., *Nature* LXXII, 108; *Peterm. Mitth.*, LI, *Litt.* 195, E. Wagner).

—3. 1904. The Auriferous Occurrences of Assam. *Rec. G. S. I.*, XXXI, 205—232 (Abst., *Eng. Min. Journ.*, LXXIX, 224; *Peterm. Mitth.*, LI, *Litt.* 195, E. Wagner).

—4. 1906. Notes on some Auriferous Tracts in Southern India. *Rec. G. S. I.*, XXXIV, 96—131.

—5. 1906. On the Origin of certain Laterites. *Geol. Mag.*, Dec. 5, III, 536—547 (Abst., *Geol. Centralbl.*, IX, 692, W. R. J.).

—6. 1906. The Auriferous Rocks of India, Australia, and South Africa. *Trans. Inst. Min. Met.*, XVI, 2—29.

—7 1907. The Course of the Upper Irawadi. *Geogr. Journ.*, XXX, 507—511 (Abst., *Peterm. Mitth.*, LV., *Litt.* 42, M. Hammer).

—8. 1907. The Tibetan Goldfields. *Min. Journ.*, LXXXI, 825—826.

—9. 1907. The Auriferous Deposits of Burma. *Min. Journ.*, LXXXII, 113—114.

—10. 1908. The Auriferous Deposits of India. *Min. Journ.*, LXXXIV, 198—199, 228—229, 269—270.

—11. 1908. Gold: its Geological Occurrence and Geographical Distribution. 8°, xxiii + 688 pp., London (Indian Area, pp. 48—54, 227—270).

—12. 1911. Further Remarks on the Origin of Laterite. *Trans. Inst. Min. Met.*, XX, 414—415.

NATIONAL ARCHIVES OF INDIA

Macleod, D. M.

1135—1. 1837. Note on the Boring operations at Fort William. *Journ. A. S. B.*, VI, 498—499.

—2. 1837. [On fragments of Coal from the Boring in Fort William.] *Journ. A. S. B.*, VI, 709.

—3. 1840. Abstract Report of the Proceedings of the Committee appointed to superintend the Boring Operations in Fort William, from their commencement in December, 1835, to their close in April, 1840. *Journ. A. S. B.*, IX, 677—687; *Sel. Rec. Govt. Ind.*, CLXXVIII, 32—41 (Abst., *As. Journ.* N.S., XIII., Pt. I, 214—216).

Macleod, D. W.

1136 . 1837. Memorandum regarding specimens from Seoni Chupara. *Journ. A. S B.*, VI, 1091—1092.

Macleod, H. H.

1137 . 1907. The Coal Mining Industry of India. *Report, III Ind. Indust. Conf.*, 227—231.

Macleod, J.

1138 . 1855. Memoranda on .... the Salt Beels of Sind. *Sel. Rec. Bo. Govt.*, N. S., XVII, Pt. 2, 705—707.

Macleod, T. E.

1139—1. 1837. Abstract Journal of an Expedition to Kiang Hung on the Chinese Frontier, starting from Moulmein on the 13th December 1836. *Journ. A. S. B.*, VI, 989—1005.

—2. 1838. [Note on Hot Springs on the Palouk River, Mergui.] *Journ. A. S. B.*, VII, 466—467.

—3. 1840. Notes on the Map attached to the Report of the Coal Committee in the 98th Number of the Journal of the Asiatic Society. *Journ. A. S. B.*, IX, 582—594.

McMahon, *Sir* A. H.

1140—1. 1894. Ascent of the Takht-i-Suleiman. *Geogr. Journ.*, IV, 465—466.

—2. 1897. The Southern Border-lands of Afghanistan. *Geogr Journ.*, IX, 393—415.

NATIONAL ARCHIVES OF INDIA

McMahon, *Sir* A. H.—*contd.*

1140—3. 1906. Recent Survey and Exploration in Seistan. *Geogr. Journ.*, XXVIII, 209—228, 333—352.

———, *see* **McMahon, C. A., 1143.**

MacMahon, A. R.

1141 . 1889. Karenni and the Red Karens. *As. Quart. Rev.*, VIII, 144—167.

McMahon, C. A.

1142—1. 1877. The Blaini Group and the "Central Gneiss" in the Simla Himalayas. *Rec. G. S. I.*, X, 204—223.

—2. 1879. Notes of a tour through Hangrang and Spiti. *Rec. G. S. I.*, XII, 57—69.

—3. 1881. Note on the section from Dalhousie to Pangi *viâ* the Sach Pass. *Rec. G. S. I.*, XIV, 305—310 (Abst., *Neu. Jahrb. f. Min.*, 1883, I, *Ref.* 49, W. W.).

—4. 1882. The Geology of Dalhousie, North-West Himalaya. *Rec. G. S. I.*, XV, 34—51.

—5. 1882. On the Traps of Darang and Mandi in the North-west Himalayas. *Rec. G. S. I.*, XV, 155—164.

—6. 1883. Some notes on the Geology of Chamba. *Rec. G. S. I.*, XVI, 35—42.

—7. 1883. On the Basalts of Bombay. *Rec. G. S. I.*, XVI, 42—50.

—8. 1883. On the Microscopic Structure of some Dalhousie rocks. *Rec. G. S. I.* XVI, 129—144.

—9. 1883. On the lavas of Aden. *Rec. G. S. I.*, XVI, 145—158.

—10. 1883. On the altered Basalts of the Dalhousie region in the North-Western Himalayas. *Rec. G. S. I.*, XVI, 178—185.

NATIONAL ARCHIVES OF INDIA

McMahon, C. A.—*contd.*

1142—11. 1883. On the microscopic structure of some sub-Himalayan rocks of Tertiary age. *Rec. G. S. I.*, XVI, 186—192.

—12. 1884. Notes on the Geology of the Chuari and Sihunta parganahs of Chamba. *Rec. G. S. I.*, XVII, 34—37.

—13. 1884. On the Microscopic Structure of some Himalayan granites and gneissose granites. *Rec. G. S. I.*, XVII, 53—73.

—14. 1884. On the Microscopic Structure of some Arvali rocks. *Rec. G. S. I.*, XVII, 101—118.

—15. 1884. On fragments of Slates and Schists imbedded in the Gneissose Granite and Granite of the N.-W. Himalayas. *Rec. G. S. I.*, XVII, 168—175.

—16. 1885. Some further notes on the Geology of Chamba. *Rec. G. S. I.*, XVIII, 79—110 (Abst., *Peterm. Mitth.*, XXXI, 322, Supan).

—17. 1886. Notes on the Section from Simla to Wangtu, and on the petrological character of the Amphibolites and Quartz-Diorites of the Sutlej valley. *Rec. G. S. I.*, XIX, 65—88.

—18. 1886. On the microscopic characters of some Eruptive Rocks from the Central Himalayas. *Rec. G. S. I.*, XIX, 115—119.

—19. 1886. Notes on the microscopic structure of some specimens of the Malani rocks of the Arvali region. *Rec. G. S. I.*, XIX, 161—165.

—20. 1887. Note on some Indian image-stones. *Rec. G. S. I.*, XX, 43—45.

—21. 1887. Notes on the microscopic structure of some specimens of the Rajmahal and Deccan traps. *Rec. G. S. I.*, XX, 104—111.

—22. 1887. Some notes on the Dolerite of the Chor. *Rec. G. S. I.*, XX, 112—117.

NATIONAL ARCHIVES OF INDIA

McMahon, C. A.—*contd.*

1142—23. 1887. Some remarks on Pressure Metamorphism with reference to the Foliation of the Himalayan Gneissose-Granite. *Rec. G. S. I.*, XX, 203—205.

—24. 1887. A list and index of papers on Himalayan Geology and Microscopic Petrology, by Colonel C. A. McMahon, F.G.S., published in the preceding volumes of the Records of the Geological Survey of India. *Rec. G. S. I.*, XX, 206—214.

—25. 1887. Note on the Foliation of the Lizard Gabbro. *Geol. Mag.*, Dec. 3, IV, 74—77.

—26. 1887. The Gneissose-Granite of the Himalayas. *Geol. Mag.* Dec. 3, IV, 212—220 (Abst., *Neu. Jahrb. f. Min.*, 1889, II, *Ref.* 109, H. Behrens).

—27. 1888. The Gneissose Granite of the Himalayas. *Geol. Mag.*, Dec. 3, V, 61—65.

—28. 1888. On the Polysynthetic Structure of some Porphyritic Quartz Crystals in a Quartz-felsite [from Tusham Hill]. *Mineral. Mag.*, VIII, 10—14 (Abst., *Neu. Jahrb. f. Min.*, 1889, II, *Ref.* 442, Fr. Rinne).

—29. 1890. Notes on Bowenites or Pseudo-Jade from Afghanistan. *Mineral. Mag.*, IX, 187—191 (Abst., *Neu. Jahrb. f. Min.*, 1892, I, *Ref.* 44, F. Rinne; *Zeits. f. Kryst.*, XX, 523, C. Hintze; *Ann. Géol., Univ.*, VII, 539, G. Ramond).

—30. 1895. The Geological History of the Himalayas. *Proc. Geol. Assoc.*, XIV, 80—96.

—31. 1895. Notes on Rock-Specimens collected by Mr. Hudleston in India. *Proc. Geol. Assoc.*, XIV, 262—264.

—32. 1896. Notes on a biotite-cyanite-cordierite-rock from the Upper Sutlej Valley. *Mineral. Mag.*, XI, 141—145 (Abst., *Neu. Jahrb. f. Min.*, 1899, I, *Ref.* 263, M. Bauer; *Zeits. f. Kryst.*, XXX, 85—86, C. Hintze).

—33. 1896. Some structural characteristics of the Granite of the N.-W. Himalayas. *Proc. Geol. Assoc.*, XIV, 287—298.

NATIONAL ARCHIVES OF INDIA

McMahon, C. A.—*concld.*

1142—34. 1897. Notes on the Age and Structure of the Gneissose-Granite of the Himalayas with reference to Mr. Middlemiss's Memoir on the Geology of Hazara. *Geol. Mag.*, Dec. 4, IV, 304—313, 345—355 (Abst., *Neu. Jahrb. f. Min.* 1898, II, *Ref.* 250, H. Behrens).

—35. 1899. The Persian Volcano Koh-i-Taftan. *Geol. Mag.*, Dec. 4, VI, 336 (Abst., *Neu. Jahrb. f. Min.*, 1901, I, *Ref.* 233—234, W. Salomon).

—36. 1900. Notes on the Geology of Gilgit. *Quart. Journ. Geol. Soc.*, LVI, 337—369 (Abst., *Geol. Mag.*, Dec. 4, VII, 236—237; *Phil. Mag.*, Ser. 5, XLIX, 571—572; *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 237—242, W. Salomon; *Geol. Centralbl.*, I, 110, C.V.C.).

—37. 1901. Petrological Notes on some Peridotites, Serpentines, Gabbros, and associated rocks, from Ladakh, North-Western Himalaya. *Mem. G. S. I.*, XXXI, 303—329 (Abst., *Zeits. f. Kryst.*, XXXVII, 310, H. L. Bowman; *Geol. Centralbl.*, II, 1, A. v. Krafft).

—38. 1902. Rock Metamorphism [as illustrated by the granite of the Sutlej Valley]. Presidential Address, British Association, Section C. *Rep. Brit. Assoc.*, LXXII, 589—596; *Nature*, LXVI, 504—507 (Abst., *Geol. Mag.*, Dec. 4, IX, 458—468; *Geol. Centralbl.*, III, 260, C.V.C.).

—39. 1902. Fossil Beds and Associated Rocks at Chitral. *Geol. Mag.*, Dec. 4, IX, 3—8.

—40. 1903. Additional Note on the Correlation of the Rocks associated with the Devonian Limestones of the Hindu Khoosh. *Geol. Mag.*, Dec. 4, X, 52—53 (Abst., *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 415—417, Noetling).

—41. 1903. Some further Remarks on Granite: a Reply. *Geol. Mag.*, Dec. 4, X, 492—499.

———, *see* **Holland**, *Sir* **T. H.**, 859—44.

NATIONAL ARCHIVES OF INDIA

McMahon, C. A., *and* McMahon, *Sir* A. H.

1143 . 1897. Notes on some Volcanic and other Rocks, which occur near the Baluchistan-Afghan Frontier, between Chaman and Persia. *Quart. Journ. Geol. Soc.*, LIII, 289—309 (Abst., *Nature*, LIV, 549—550; *Phil. Mag.*, Ser. 5, XLIII, 461—462; *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 249—250, H. Behrens).

McMahon, C. A., *and* Hudleston, W. H.

1144 . 1902. Fossils from the Hindu Khoosh. *Geol. Mag.*, Dec. 4, IX, 3—8, 49—58 (Abst., *Revue Pal.*, VI, 191—192; *Neu. Jahrb. f. Min.*, 1903, I, *Ref.* 291—292, Keuper; *Geol. Centralbl.*, III, 97, H. A. A.).

Macmurdo, J.

1145—1. 1818. An Account of the Province of Cutch, and of the Countries lying between Guzerat and the River Indus. *Trans. Bo. Lit. Soc.*, II, 205—241.

—2. 1820. Papers relating to the Earthquake which occurred in India in 1819. *Trans. Bo. Lit. Soc.*, III, 90—116; *Phil. Mag.*, LXIII, 105—119, 170—177 (Abst., *As. Journ.*, X, 479—480; *Edin. Phil. Journ.*, III, 120—124; IV, 106—109).

—3. 1834. Dissertation on the River Indus. *Journ. R. As. Soc.*, I, 20—44.

—4. 1839. Observations on the Sindhoo or river Indus. *Trans. Bo. Geogr. Soc.*, II, Pt. 6, 124—135.

—5. 1856. Memoir on the Province of Kattywar; accompanied by remarks on the Runn of Kutch. *Sel. Rec. Bo. Govt.*, N. S., XXXVII, 281—304.

McMurtrie, S.

1146 . 1912. Underground Methods in Indian Mining. *Trans. Min. Geol. Inst. Ind.*, VI, 257—289.

Macnamara, F. N.

1147 . 1872. Water Analysis in India. *Chem. News*, XXV, 273; XXVI, 246—247.

NATIONAL ARCHIVES OF INDIA

Maconochie, E.

1148 . 1895. A Monograph on the Pottery and Glass-ware of the Bombay Presidency. Fol., 13 pp., Bombay.

Macpherson, J.

1149 . 1855. Table of Mineral Springs in British India, with a few Remarks. *Ind. Ann. Med. Sci.*, II, 205—221.

Macpherson, S. Charters

1150—1. 1833. On the Geology of the Peninsula. *As. Res.*, XVIII, Pt. 2, 115—121 (Abst., *As. Journ.*, XXVIII, 711—712).

—2. 1838. Report on the Goomsut, Duspullah, and Boad Zemindaries. *Mad. Journ. Lit. Sci.*, VII, 400—412.

Madden, E.

1151—1. 1846. Diary of an Excursion to the Shatool and Boorun Passes over the Himalaya, in September 1845. *Journ. A. S. B.*, XV, 79—135.

—2. 1847. Notes of an Excursion to the Pindree Glacier, in September 1846. *Journ. A. S. B.*, XVI, 226—266, 596.

—3. 1848. The Turaee and Outer Mountains of Kumaoon. *Journ. A. S. B.*, XVII, 349—450, 563—626.

—4. 1849. Supplementary Notes to "The Turaee and Outer Mountains of Kumaoon"; Journal of Asiatic Society, Bengal, May and June, 1848. *Journ. A. S. B.*, XVIII, 603—644.

Magrath, R. N.

1152 . 1839. Some observations upon Scinde and the river Indus as far up as Bukkur. *Trans. Bo. Geogr. Soc.*, II, Pt. 3, 25—31.

Mahon, R. H.

1153—1. 1899. India as a Centre for Steel Manufacture. *Journ. I. S. Inst.*, LV, 83—101; *Imp. Inst. Journ.*, V, 265—266.

NATIONAL ARCHIVES OF INDIA

Mahon, R. H.—*contd.*

1153—2. 1900. A Report upon the Manufacture of Iron and Steel in India. *Coll. Guard.*, LXXIX. 113—115, 175—176 (Abst., *Journ., Soc. Arts.*, XLVIII, 397—398; *Journ. I. S. Inst.*, LVI, 512—513).

—3. 1900. Report on the Coking Quality of Indian Coal. *Coll. Guard.*, LXXIX, 207—208.

Mainwaring, ———

1154 . 1890. Theory on the origin of the sounds known as the 'Barisal Guns.' *Proc. A. S. B.*, 209.

Maitland, P. J., *and* Talbot, M. G.

1155 . 1887. Journeys in Afghanistan. *Proc. R. Geogr. Soc.*, N. S., IX, 102—107.

Malcolm, *Rev.* H.

1156 . 1837. Account of the Caves near Moulmein. *As. Journ.*, N. S., XXIV, Pt. 2, 10.

Malcolm, *Sir* J.

1157 . 1823. A Memoir of Central India, including Malwa and adjoining Provinces. 8°, 2 Vols., London.

Malcolmson, J. G.

1158—1. 1831. Notice of the fall of an Aerolite [at Mangapatnam, Jan. 2, 1831]. *Glean. Sci.*, III, 389.

—2. 1833. Note on Saline Deposits in Hyderabad. *Journ., A. S. B.*, II, 77—79.

—3. 1833. [On Fossil Bones collected by Dr. Voysey in Hyderabad.] *Journ. A. S. B.*, II, 94.

—4. 1833. [Note on a fragment of bone from a cave near Hyderabad.] *Journ. A. S. B.*, II, 204—205 (Abst., *Neu. Jahrb. f. Min.*, 1835, 123—124).

—5. 1834. Note on Fossil Shells in Hyderabad. *Journ. A. S. B.*, III, 302—303.

—6. 1834. Geology of the South of India. *Mad. Journ. Lit. Sci.*, I, 329—342.

NATIONAL ARCHIVES OF INDIA

Malcolmson, J. G.—*contd.*

1158—7. 1836. Notes explanatory of a Collection of Geological Specimens, from the Country between Hyderabad and Nagpur. *Journ. A. S. B.*, V, 96—122; *Mad. Journ. Lit. Sci.*, IV, 194—218.

—8. 1837. On the Fossils of the Eastern Portion of the Great Basaltic District of India. *Geol. Trans.*, Ser. 2, V, 537—575; *Mad. Journ. Lit. Sci.*, XII, 58—104; *Western India*, 1—47 (Abst., *Proc. Geol. Soc.*, II, 579—584; *Bull. Soc. Géol. France*, Ser. 1, IX, 248—249).

—9. 1838. On the Geology of the Eastern Portion of the Great Basaltic District of India. *Phil. Mag.*, Ser. 3, XII, 286—291; *Mad. Journ. Lit. Sci.*, VIII, 203—209.

—10. 1843. Note on Fossil Plants discovered in the Sandstone rocks at Kamptee near Nagpur. *Journ. Bo. As. Soc.*, I, 249—251.

—11. 1843. On the occurrence of Quicksilver in the Lava Rocks of Aden. *Journ. Bo. As. Soc.*, I, 341—344.

—12. 1844. Note on Lacusterine Tertiary Fossils from the Vindiah Mountains, near Mandoo; and on the period of elevation of that Chain. *Trans. Bo. Geogr. Soc.*, V, 368—375 (Abst., *Western India*, 498—499, H. J. Carter).

—13. 1844. [On stratified beds in contact with Gneiss in Southern India.] *Cal. Journ. Nat. Hist.*, IV, 107—111.

—14. 1845. Account of Aden. *Journ. R. As. Soc.*, VIII, 279—292.

Mallet, F. R.

1159—1. 1865. On the Gypsum of Lower Spiti, with a list of minerals collected in the Himalayas, 1864. *Mem. G. S. I.*, V, 153—172.

—2. 1868. Copper in Bundlecund. *Rec. G. S. I.*, I, 16—18. (*The paper includes an account of Pyrrhotine and Troilite in Meteorites.*)

NATIONAL ARCHIVES OF INDIA

Mallet, F. R.—*contd.*

1159—3. 1869. On the Vindhyan Series, as exhibited in the North-Western and Central Provinces of India. *Mem. G. S. I.*, VII, 1—129 (Review, *Geol. Mag.*, Dec. 1, VII, 171—173).

—4. 1871. On the Geological Structure of the Country near Aden, with reference to the practicability of sinking Artesian Wells. *Mem. G. S. I.*, VII, 257—284.

—5. 1872. Mineralogical Notes on the Gneiss of South Mirzapur and adjoining country. *Rec. G. S. I.*, V, 18—23, VI, 42—44.

—6. 1874. On the Geology and Mineral Resources of the Darjeeling District and the Western Duars. *Mem. G. S. I.*, XI, 1—96 (Abst., *Journ. Sci.*, Ser. 2, V, 393).

—7. 1874. Geological notes on part of Northern Hazaribagh. *Rec. G. S. I.*, VII, 32—44.

—8. 1875. Note on Coals recently found near Moflong, Khasi Hills. *Rec. G. S. I.*, VIII, 86.

—9. 1876. On the Coal-fields of the Naga Hills bordering the Lakhimpur and Sibsagar Districts. *Mem. G. S. I.*, XII, 269—363 (Abst., *Journ. Sci.*, Ser. 2, VIII, 279).

—10. 1877. On recent Coal explorations in the Darjeeling District. *Rec. G. S. I.*, X, 143—148.

—11. 1877. Limestones in the neighbourhood of Barakar. *Rec. G. S. I.*, X, 148—152.

—12. 1877. On some forms of Blowing-Machine used by the smiths of Upper Assam. *Rec. G. S. I.*, X, 152—154.

—13. 1878. The Mud Volcanoes of Ramri and Cheduba. *Rec. G. S. I.*, XI, 188—207; *Burma*, 238—259.

—14. 1878. On the mineral resources of Ramri, Cheduba, and the adjacent Islands. *Rec. G. S. I.*, XI, 207—223; *Burma*, 259—277.

NATIONAL ARCHIVES OF INDIA

Mallet, F. R.—*contd.*

1159—15. 1878. [Exhibition of Gorakhpur Meteorite of 5th September 1878.] *Proc. A. S. B.*, 174—175.

—16. 1879. Note on a recent mud eruption in Ramri Island (Arakan). *Rec. G. S. I.*, XII, 70—72; *Burma*, 277—281.

—17 1879. On Braunite, with Rhodonite, from near Nagpur, Central Provinces. *Rec. G. S. I.*, XII, 73—74.

—18. 1879. On Pyrolusite with Psilomelane occurring at Gosalpur, Jabalpur District. *Rec. G. S. I.*, XII, 99—100 (Abst., *Journ. Soc. Chem. Ind.*, XIV, 997).

—19. 1879. On Mysorin and Atacamite from the Nellore District. *Rec. G. S. I.*, XII, 166—172.

—20. 1879. On Corundum from the Khasi Hills. *Rec. G. S. I.*, XII, 172.

—21. 1879. Popular guides to the Geological collections in the Indian Museum, Calcutta. No. 2—Minerals. 8°, Calcutta.

—22. 1880. Record of gas and mud eruptions on the Arakan Coast on 12th March 1879, and in June 1843. *Rec. G. S. I.*, XIII, 206—209; *Burma*, 281—284.

—23. 1881. On the ferruginous beds associated with the Basaltic Rocks of North-Eastern Ulster, in relation to Indian Laterites. *Rec. G. S. I.*, XIV, 139—148.

—24. 1881. On Cobaltite and Danaite from the Khetri Mines, Rajputana; with some remarks on Jaipurite (Syepoorite). *Rec. G. S. I.*, XIV, 190—196.

—25. 1881. On the occurrence of Zinc Ore (Smithsonite and Blende) with Barytes in the Karnul District, Madras. *Rec. G. S. I.*, XIV, 196.

—26. 1881. Notice of a Mud Eruption in the Island of Cheduba, *Rec. G. S. I.*, XIV, 196—197; *Burma*, 285.

NATIONAL ARCHIVES OF INDIA

Mallet, F. R.—*contd.*

1159—27. 1881. On Oligoclase Granite at Wangtu on the Sutlej, North-West Himalayas. *Rec. G. S. I.*, XIV, 238—240.

—28. 1881. On a specimen of Native Antimony obtained at Pulo Obin, near Singapore. *Rec. G. S. I.*, XIV, 303—304.

—29. 1881. On Turgite from the neighbourhood of Juggiapett, Kistnah District, and on Zinc carbonate from Karnul, Madras. *Rec. G. S. I.*, XIV, 304—305.

—30. 1882. On Iridosmine from the Noa-Dehing River, Upper Assam, and on Platinum from Chutia Nagpur. *Rec. G. S. I.*, XV, 53—55.

—31. 1882. On (1) a Copper Mine lately opened near Yongri Hill, in the Darjiling District; (2) Arsenical Pyrites in the same neighbourhood; (3) Kaolin at Darjiling; being 3rd Appendix to a Report "on the Geology and Mineral resources of the Darjiling District and the Western Duars." *Rec. G. S. I.*, XV, 56—58.

—32. 1882. Analyses of Coal and Fire-clay from the Makum Coal-field, Upper Assam. *Rec. G. S. I.*, XV, 58—63.

—33. 1882. On Sapphires recently discovered in the North-West Himalaya. *Rec. G. S. I.*, XV, 138—141.

—34. 1882. Notice of a recent Eruption from one of the Mud Volcanoes in Cheduba. *Rec. G. S. I.*, XV, 141—142.

—35. 1882. New faces observed on Crystals of Stilbite from the Western Ghats, Bombay. *Rec. G. S. I.*, XV, 153—155.

—36. 1883. On the Iron Ores, and Subsidiary Materials for the Manufacture of Iron in the North-Eastern part of the Jabalpur District. *Rec. G. S. I.*, XVI, 94—115 (Abst., *Proc. Inst. C. Eng.*, LXXIV, 367—371, H. L. L.).

—37. 1883. On Lateritic and other Manganese Ore occurring at Gosulpur, Jabalpur District. *Rec. G. S. I.*, XVI, 116—118.

NATIONAL ARCHIVES OF INDIA

Mallet, F. R.—*contd.*

1159—38. 1883. On Native Lead from Moulmein and Chromite from the Andaman Islands. *Rec. G. S. I.*, XVI, 203—204; *Mineral. Mag.*, V, 336—337 (Abst., *Neu. Jahrb. f. Min.*, 1885, II, *Ref.* 5, M. Bauer; *Journ. Chem. Soc.*, XLVIII, 1185, B. H. B.).

—39. 1883. Notice of a Fiery Eruption from one of the Mud Volcanoes of Cheduba Island, Arakan. *Rec. G. S. I.*, XVI, 204—205.

—40. 1883. A descriptive catalogue of the collection of Minerals in the Geological Museum, Calcutta. 8°, Calcutta.

—41. 1883. Popular guides to the Geological collections in the Indian Museum, Calcutta. No. 5—Economic Mineral Products. 8°, Calcutta.

—42. 1884. On some of the Mineral Resources of the Andaman Islands in the neighbourhood of Port Blair. *Rec. G. S. I.*, XVII, 79—86.

—43. 1884. Notice of a further Fiery Eruption from the Minbyin Mud Volcano of Cheduba Island, Arakan. *Rec. G. S. I.*, XVII, 142.

—44. 1885. On the alleged tendency of the Arakan Mud Volcanoes to burst into eruption most frequently during the rains. *Rec. G. S. I.*, XVIII, 124—125.

—45. 1885. Analyses of Phosphatic Nodules and Rock from Mussooree. *Rec. G. S. I.*, XVIII, 126.

—46. 1885. On the mineral hitherto known as Nepaulite. *Rec. G. S. I.*, XVIII, 235—237 (Abst., *Journ. Chem. Soc.*, L, 207).

—47. 1886. Notice of a fiery Eruption from one of the Mud Volcanoes of Cheduba Island, Arakan. *Rec. G. S. I.*, XIX, 268.

—48. 1887. On Soundings recently taken off Barren Island and Narcondam, by Commander A. Carpenter, R. N., H. M. I.M.S. 'Investigator.' *Rec. G. S. I.*, XX, 46—48.

NATIONAL ARCHIVES OF INDIA

Mallet, F. R.—*contd.*

1159—49. 1887. Note on the 'Lalitpur' Meteorite. *Rec. G. S. I.*, XX, 153—154.

—50. 1887. A Manual of the Geology of India, Pt. IV,—Mineralogy (mainly non-economic). 8°, 179 pp., Calcutta.

—51. 1889. Note on Indian Steatite. *Rec. G. S. I.*, XXII, 59—67.

—52. 1889. On some of the Materials for Pottery obtainable in the neighbourhood of Jabalpur, and of Umaria. *Rec. G. S. I.*, XXII, 140—148.

—53. 1892. Note on the Locality of Indian Tscheffkinite. *Rec. G. S. I.*, XXV, 123—127.

—54. 1895. Some early allusions to Barren Island; with a few remarks thereon. *Rec. G. S. I.*, XXVIII, 22—34.

—55. 1895. Bibliography of Barren Island and Narcondam, from 1884 to 1894. *Rec. G. S. I.*, XXVIII, 34—38.

—56. 1897. On Nemalite from Afghanistan. *Rec. G. S. I.*, XXX, 233—236; *Mineral. Mag.*, XI, 211—214 (Abst., *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 193, K. Busz; *Zeits. f. Kryst.*, XXXI, 191, C. Hintze; *Journ. Chem. Soc.*, LXXII, Pt. 2, 409—410, L. J. S.).

—57. 1897. On Blodite from the Punjab Salt Range. *Mineral. Mag.*, XI, 311—317 (Abst., *Neu. Jahrb. f. Min.*, 1899, I, *Ref.* 41, K. Busz; *Zeits. f. Kryst.*, XXXI, 197—198, C. Hintze; *Journ. Chem. Soc.*, LXXIV, Pt. 2, 124, L.J.S.).

—58. 1899. On Langbeinite from the Punjab Salt Range. *Mineral. Mag.*, XII, 159—166 (Abst., *Neu. Jahrb. f. Min.*, 1901, II, *Ref.* 34, K. Busz; *Zeits. f. Kryst.*, XXXIV, 88—90, C. Hintze; *Journ. Chem. Soc.*, LXXVIII, Pt. 2, 22—23, L. J. S.).

—59. 1905. On the occurrence of Amblygonite in Kashmir. *Rec. G. S. I.*, XXXII, 228—229 (Abst., *Zeits. f. Kryst.*, XLIII, 620, H. L. Bowman).

NATIONAL ARCHIVES OF INDIA

Mallet, F. R.—*concld.*

1159—60. 1907. A new Mud-Volcano Island (Arakan). *Nature*, LXXV, 460.

—61. 1911. The condition of Barren Island in 1846, as described by Officers of the Danish Corvette *Galathea*. *Rec. G. S. I.*, XLI, 217—219.

———, *see* **Hobday, J. R., 845.**

Mallet, R., *see* **Oldham, T., 1328**

Mallik, D. N.

1160 . 1912. Note on the Secular Cooling of the Earth and a Problem in Conduction of Heat. *Journ. A. S. B.*, N. S., VIII, 223—226.

Maltby, F. N.

1161 . 1861. [Note on the smooth-water anchorage of Allepey.] *Mad. Journ. Lit. Sci.*, N. S., VI, 127—133.

Maltby, T. J.

1162 . 1882. The Ganjam District Manual. 8°, 299+lxxxvii pp., Madras (Chapter XIV, Geology, by V. Ball).

Man, E. H., *and* **Temple, R. C.**

1163 . 1880. Note on Two Maps of the Andaman Islands. *Journ. R. Geogr. Soc.*, L, 255—259.

Manasse, E.

1164 . 1908. Rocce eritree e di Aden della collezione Issel. *Atti Soc. Tosc. Sci. Nat.*, XXIV, 153—204.

Mann, H. H., *see* **Hooper, D., 869.**

Mann, H. H., *and* **Paranjpe, S. R.**

1165 . 1914. Intermittent Springs at Rajapur in the Bombay Presidency. *Journ. Bo. As. Soc.*, XXIV, 14—32.

Manning, T., *see* **Markham, *Sir* C. R., 1173—9.**

Manson, A.

1166 . 1889. [Extract from Letter on the Barisa Guns.] *Proc. A. S. B.*, 206—209.

NATIONAL ARCHIVES OF INDIA

Manson, E., *see* **Batten, J. H., 86—2.**

Mansuy, H.

1167—1. **1905.** Examen des fossils rapportés du Yunnan par la mission Lantenois. *C. R. Ac. Sci.*, CXL, 692—694.

—2. **1907.** Resultats de la Mission....du Yunnan Méridional.—III. Resultats Paléontologiques. *Ann. des Mines*, Ser. 10, XI, 447—471.

—3. **1910.** La succession stratigraphique aux environs de Luang-Prabang (Hant-Laos). *C. R. Ac. Sci.*, CLI, 839—840.

————, *see* **Deprat, J., 469.**

Marcadieu, M.

1168—1. **1854.** Report on the Ferruginous resources of the District of Dhurmsala. *Sel. Rec. Punj. Govt.*, II, No. 17, 2—16.

—2. **1854.** Report on the productions of the Pooga Valley [Borax of Thibet]. *Sel. Rec. Punj. Govt.*, II, 523—540.

—3. **1855.** Report on the Kooloo Iron Mines and on a portion of the Maunikurn valley. *Journ. A. S. B.*, XXIV, 191—202.

—4. **1855.** Report on the determination of Iodine contained in the four saline springs situated in the Jowala Mookhee Valley, and of a spring of same nature at Kangra-Basa near Hurreepore. *Sel. Rec. Punj. Govt.*, IV, No. 5, 2—14.

—5. **1855.** On the presence of Brome in the Jivah Mineral Thermal Spring. *Sel. Rec. Punj. Govt.*, IV, No. 5, 15—19.

—6. **1855.** Report on the hot mineral salt spring of Tevah, Kangra District. *Ind. Ann. Med. Sci.*, II, 532—535.

—7. **1855.** Report on the Thermal Sulphurous source of Lowsah, North-East of Noorpoor, Kangra District. *Ind. Ann. Med. Sci.*, II, 536—538.

NATIONAL ARCHIVES OF INDIA

Marchand, R., *see* **Robiquet, P. J., 1504.**

Marchesetti, C.

1169 . 1876. On a Pre-historic Monument on the Western Coast of India. *Journ. Bo. As. Soc.*, XII, 215—218.

Marcou, J.

1170 . 1859. Dyas et Trias ou le Nouvean Grès Rouge en Europe, dans l'Amerique du Nord et dans l'Inde. *Bibl. Univ.*, N.S., V, 5—37, 116—146 (Abst., *Neu., Jahrb. f. Min.*, 1859, 750—752).

Marcou, Jules

1171 . 1889. The Taconic in the Salt Range of Punjab (India). *Amer. Geol.*, IV, 60—62.

Marescalchi, *Comte*

1172. 1875. Notes géographiques sur la Birmanie anglaise suivies de quelques mots sur les Shans et sur les Kakhyens de la Birmanie indépendante. *Bull. Soc. Géogr.*, Ser. 6, IX, 256—272.

Markham, *Sir* **C. R.**

1173—1. 1866. On the effects of the destruction of Forests in the Western Ghauts of India on the Water-Supply. *Journ. R. Geogr. Soc.*, XXXVI, 180—195 (Abst. *Proc. R. Geogr. Soc.*, X, 266—269).

—2. 1866. On the Aleppy Mud Bank. *Rep. Brit. Assoc.*, XXXVI, *Sections*, 113—114 (*Abstract*).

—3. 1867. On the Inland Navigation of Travancore : an Account of the Alipee Mud-bank and the Wurkallay Barrier. *Journ. R. Geogr. Soc.*, XXXVI, 195—198 (Abst., *Proc. R. Geogr. Soc.*, XI, 78).

—4. 1871. A Memoir of the Indian Surveys. 8°, 303 pp., London ; 2nd Edn. (1878), 481 pp., London.

—5. 1874. The Basin of the Helmund. *Geogr. Mag.*, I, 1—4.

—6. 1874. Irrigation in Southern India. I.—The Periyâr Project. II.—The Tamraparni System. *Geogr. Mag.*, I, 329—332, 364—367.

NATIONAL ARCHIVES OF INDIA

Markham, *Sir* **C. R.**—*contd.*

1173—7. 1875. Travels in Great Tibet, and Trade Routes between Tibet and Bengal. *Journ. R. Geogr. Soc.*, XLV, 299—315; *Geogr. Mag.*, II, 129—135, 189—191 (Abst., *Proc. R. Geogr. Soc.*, XIX, 327—347).

—8. 1876. On Afghan Geography. *Proc. R. Geogr. Soc.*, XX, 241—252.

—9. 1876. Narratives of the Mission of George Bogle to Tibet and of the Journey of Thomas Manning to Lhasa. 8°, 354 pp., London.

—10. 1877. The Himalayan System. *Geogr. Mag.*, IV, 113—118 (Review, *Verh. Ges. f. Erdk.*, V, 72—75, F. v. R.).

—11. 1877. Irrigation in Southern India. III.—The Basin of the Kaveri (Cauvery). IV.—The Basin of the Krishna. *Geogr. Mag.*, IV, 279—286, 307—311.

—12. 1878. The Afghan Passes. *Geogr. Mag.*, V, 277—279.

—13. 1878. The Bolan Pass. *Geogr. Mag.*, V, 302—306.

—14. 1879. The Mountain Passes on the Afghan Frontier of British India. *Proc. R. Geogr. Soc.*, N. S., I, 38—62.

—15. 1879. The Upper Basin of the Kabul River. *Proc. R. Geogr. Soc.*, N. S., I, 110—121.

—16. 1879. The Basin of the Helmund. *Proc. R. Geogr. Soc.*, N. S., I, 191—201.

—17. 1895. Major James Rennell, and the rise of Modern English Geography. 8°, 232 pp., London.

Marryatt, E. L.

1174 · 1884. Report on a visit to Patent Fuel Manufactories (with reference to the utilisation of Salt Range Coal). *Prof. Papers Ind. Eng.*, Ser. 3, II, 49—52.

Marsh, H. C.

1175 · 1876. Description of a trip to the Gilgit Valley, a dependency of the Maharája of Kashmir. *Journ. A. S. B.*, XLV, Pt. 1, 119—138.

NATIONAL ARCHIVES OF INDIA

Marsh, W.

1176 . 1887. Notes on the occurrence of Gold and other Minerals in Mysore. Fol., Bangalore.

Marshall, A. G., *and* Lee, W. A.

1177 . 1908. Central Power Stations for the Coal-fields. *Trans. Min. Geol. Inst. Ind.*, III, 99—118.

Martell, P.

1178 . 1907. Die Manganerzlager Britisch Indiens und ihr Abbau. *Gluckauf*, XLII, 816—817.

Martin, E. P., *and* Louis, H.

1179 . 1904. On Iron Ores in the Jabalpur District, Central Provinces. *Agric. Ledger*, XI, No. 3, 19—23; *Coll. Guard.*, LXXXVIII, *Suppl.* 58 (*Abst., Journ., I. S. Inst.*, LXVI, 456—457).

Martin, G.

1180 . 1879. Survey Operations of the Afghanistan Expedition; the Kurram Valley. *Proc. R. Geogr. Soc.*, N. S., I, 617—645 (Abst., *Rep. Brit. Assoc.*, XLIX, 445).

Martin, R. Montgomery.

1181 . 1838. The History, Antiquities, Topography, and Statistics of British India; comprising the districts of Behar, Shahabad, Bhagalpoor, Goruckpoor, Dinajpoor, Puraniya, Rungpoor and Assam, in relation to their Geology, Mineralogy, Botany, etc. 8°., 3 Vols., London.

Martonne, E. de, *see* **de Martonne, 461.**

Marvin, C.

1182 . 1887. England as a Petroleum Power; or, the Petroleum Resources of the British Empire. 8°., 32 pp., London.

Masillamani, E.

1183 . 1911. A Preliminary Report on the Geology of Eraniel, Kalkulam and Vilavancode Taluks, Travancore. Fol., 10 pp., Trivandrum.

———; *see* **Chacko, I.C., 298.**

NATIONAL ARCHIVES OF INDIA

Maskelyne, N. Story

1184—1. 1855. [Note on the history of the Koh-i-Noor Diamond.] *Proc. Ashm. Soc.*, III 59—63.

—2. 1863. On the Fall of the Butsura aërolite, May 12, 1861. *Phil. Mag.*, Ser. 4, XXV, 50—58 (Abst., *Amer. Journ. Sci.*, Ser. 2, XXXVI, 64—76).

—3. 1863. Notices of Aërolites [Purnallee, Durala, Yatoor (Nellore), Dhenagur (Kheragur), Mhow and Moradabad]. *Phil. Mag.*, Ser. 4, XXV, 438—449.

—4. 1863. Notices of Aërolites [Khiragurh and Manegaum]. *Phil. Mag.*, Ser. 4, XXVI, 134—139 (Abst., *Journ. Sci.*, I, 150—151).

—5. 1864. Notices of Aërolites [Kusiali (Kumaon), Kaee (Oude)]. *Phil. Mag.*, Ser. 4, XXVIII, 148—150.

—6. 1870. On the Mineral Constituents of Meteorites [Busti aërolite of Decr. 2, 1852.—Manegaum Meteorite of July 26, 1843]. *Proc. Roy. Soc.*, XVIII, 146—157 (Abst., *Journ. Sci.*, VII, 280—281).

—7. 1891. The Koh-i-Noor; a Criticism. *Nature*, XLIV, 555—559; XLV, 5—7.

Mason, *Rev.* F.

1185—1. 1850. The Natural Productions of Burmah, or Notes on the Fauna, Flora, and Minerals of the Tenasserim Provinces, and the Burman Empire. 8°., 2 Vols., Maulmain.

—2. 1872. The Celts of Toungoo. *Ind. Antiquary*, I, 326—328.

Mason, *Rev.* F., *and* Theobald, W.

1186 . 1882. Burma, its People and Productions; or, Notes on the Fauna, Flora and Minerals of Tenasserim, Pegu and Burma. 8°. 2 Vols., Hertford.

Mason, Kenneth

1187 . 1910. Notes on the Mechoi Glacier. *Rec., G. S. I.*, XL, 340—341.

NATIONAL ARCHIVES OF INDIA

Massey, C.

1188 . 1895. On the Composition of certain Soils of South India. *Chem. Neus*, LXXI, 261—262 (Abst., *Journ. Chem. Soc.*, LXVIII, Pt. 2, 366, D. A. L.).

Masson, C.

1189—1. 1842. Narrative of various Journeys in Balochistan, Afghanistan, and the Punjab; including a residence in those countries from 1826 to 1838. 8°., 3 Vols., London.

—2. 1843. Narrative of a Journey to Kalât, including an account of the insurrection at that place in 1840; and a Memoir on Eastern Balochistan. 8°., 463 pp., London.

Masters, J. W.

1190 . 1848. Extract from a Memoir of some of the Natural Productions of the Angami Naga Hills, and other parts of Upper Assam. *Journ. A. S. B.*, XVII, 57—59.

———, *see* **Campbell, A., 268.**

———, *see* **Prain, *Sir* D., 1425.**

Maxwell, W. E.

1191 . 1882. A Journey on foot to the Patani Frontier in 1876. *Journ. Str. As. Soc.*, IX, 1—67.

Maxwell, W. G.

1192 . 1838. Cursory Notes on Wodiahghur and the adjacent part of Goomsoor, and on the People of that Country. *Mad. Journ. Lit. Sci.*, VII, 134—142.

Mayer, J. E.

1193—1. 1855. [Analyses of "Earth Salt" from Madras.] *Sel. Rec. Mad. Govt.*, Ser. 2, XVI, 93—98.

—2. 1855. [Analysis of Sea Salt from Madras.] *Sel. Rec. Mad. Govt.*, Ser. 2, XVI, 127—145.

—3. 1856. Report on the Chemical Examination of several specimens of Salt from the Loonar Lake in the Deccan *Mad. Journ. Lit. Sci.*, N. S., 1, 15—21.

NATIONAL ARCHIVES OF INDIA

Mayer, J. E.—*contd.*

1193—4. 1866. Note on the Magnetic Oxide of Iron as a Means of purifying Water. *Mad. Quart. Med. Journ.*, IX, 215—222.

Maylor, W.

1194—1. 1878. On Gold in Southern India. *Min. Journ.*, XLVIII, 1303, 1360.

—2. 1896. The Manufacture of Iron and Steel in Southern India. *Proc. Inst. C. Eng.*, CXXVI, 383—386.

Mayne, J.

1195 . 1855. Quantitative Analysis of the Spring Water of Ramandroog. *Ind. Ann. Med. Sci.*, II, 239—242.

Medley, J. G.

1196 . 1865. Brickwork in India. *Prof. Papers Ind. Eng.*, Ser. 1, II, 301—303.

Medlicott, H. B.

1197—1. 1859. [Report on Coal in Jammoo.] *Official correspondence regarding the existence of Coal and Iron in the Punjab.* 8°., Calcutta, pp. 13—20.

—2. 1860. On the Vindhyan rocks, and their associates in Bundelcund. *Mem. G. S. I.*, II, 1—95 (Abst., *Jahrb. k.k. Geol. Reichsanst.*, XI, *Verh.*, 68; *Edin. N. Phil. Journ.*, N. S., XIII, 168).

—3. 1861. On the Sub-Himalayan rocks between the Ganges and the Jumna. *Journ. A. S. B.*, XXX, 22—31; *Edin. N. Phil. Journ.*, N. S., XV, 154—160.

—4. 1862. Note on the Rèh Efflorescence of North-Western India, and on the Waters of some of the Rivers and Canals. *Journ. R. As. Soc.*, XX, 326—344; *Sel. Rec. Govt. India.* XLII, 32—49.

—5. 1864. On the Geological structure and relations of the Southern portion of the Himalayan range between the rivers Ganges and Ravee. *Mem. G. S. I.*, III, Pt. 2, 1—206 (Review, *Geol. Mag.*, Dec., 1, II, 310—316; *Journ. Sci.*, II, 339—341).

NATIONAL ARCHIVES OF INDIA

Medlicott, H. B.—*contd.*

1197—6. 1864. Note relating to Sivalik Fauna. *Mem. G. S. I.*, III, Pt. 2, 207—209; *Journ. A. S. B.*, XXXIV, Pt. 2, 63—65.

—7. 1864. [Note on the Siwalik unconformability.] *Journ. A. S. B.*, XXXIII, 485.

—8. 1864. On the mode of formation of Granite veins at Sungrumpoor, in India. *Journ. R. Geol. Soc. Ireland*, I, 87—88.

—9. 1865. The Coal of Assam; results of a brief visit to the Coal-fields of that Province in 1865; with Geological Notes on Assam and the hills to the south of it. *Mem. G. S. I.*, IV, 387—442 (Abst., *Geol. Mag.*, Dec. 1, III, 507; *Peterm. Milth.*, XII, 234).

—10. 1867. The Alps and the Himalayas: a Geological Comparison. *Quart. Journ. Geol. Soc.*, XXIII, Pt. 1, 322—323; XXIV, Pt. 1, 34—52 (Abst., *Geol. Mag.*, Dec. 1, IV, 369—370; *Journ. Sci.*, V, 250; *Phil. Mag.*, Ser. 4, XXXIV, 396—397; *Verh. k.-k. Geol. Reichsanst.*, 1868, 152—153, E. v. Mojsisovics).

—11. 1867. Lithological Nomenclature. *Geol. Mag.*, Dec. 1, IV, 83—86.

—12. 1868. On the prospects of useful Coal being found in the Garrow Hills, Bengal. *Rec. G. S. I.*, I, 11—16.

—13. 1868. The Boundary of the Vindhyan Series in Rajpootana. *Rec. G. S. I.* I, 69—72.

—14. 1868. [Remarks on the action of the Ganges.] *Proc. A. S. B.*, 232.

—15. 1868. [Report on supposed Coal of Murree and of Kotlee.] *Sel. Rec. Govt. India*, LXIV, 120—126.

—16. 1868. Notes on the Salt of the Salt Range. *Sel. Rec. Govt. India*, LXIV, 146—155.

NATIONAL ARCHIVES OF INDIA

Medlicott, H. B.—*contd.*

1197—17. 1869. Geological Sketch of the Shillong Plateau in North-Eastern Bengal. *Mem. G. S. I.*, VII, 151—207; *Rec. G. S. I.*, II, 10—11.

—18. 1869. Memorandum on the Wells now being sunk at the European Penitentiary, and at the site for the Central Jail, Hazareebagh. *Rec. G. S. I.*, II, 14—20.

—19. 1869. Sketch of the Metamorphic Rocks of Bengal. *Rec. G. S. I.*, II, 40—45.

—20. 1869. On Faults in Strata. *Geol. Mag.*, Dec. 1, VI, 341—347 : VII, 473—482.

—21. 1870. The Mohpani Coal-field. *Rec. G. S. I.*, III, 63—70.

—22. 1871. Note on the Narbada Coal-basin. *Rec. G. S. I.*, IV, 66—69.

—23. 1872. An example of Local Jointing. *Rec. G. S. I.*, V, 77—79.

—24. 1872. Note on exploration for Coal in the northern region of the Satpura Basin. *Rec. G. S. I.*, V., 109—111.

—25. 1872. Note on the Lameta or Infra-Trappean Formation of Central India. *Rec. G. S. I.*, V, 115—120.

—26. 1873. Notes on the Satpura Coal-basin. *Mem. G. S. I.* X, 133—188.

—27. 1873. Sketch of the Geology of the North-West Provinces. *Rec. G. S. I.*, VI, 9—17.

—28. 1873. Notes on a Celt found by Mr. Hacket in the Ossiferous Deposits of the Narbada Valley (Pliocene of Falconer) : on the Age of the Deposits. *Rec. G. S. I.*, VI, 49—54.

—29. 1873. [Exhibition of a stone implement from the Narbada Valley.] *Proc. A. S. B.*, 138.

—30. 1874. Annual Report of the Geological Survey of India and of the Geological Museum, Calcutta, for 1873. *Rec. G. S. I.*, VII, 1—11.

NATIONAL ARCHIVES OF INDIA

Medlicott, H. B.—*contd.*

1197—31. 1874. Note on the habitat in India of the Elastic Sandstone or so-called Itacolumite. *Rec. G. S. I.*, VII, 30—31.

—32. 1874. Notes from the Eastern Himalaya. *Rec. G. S. I.*, VII, 53—54.

—33. 1874. Coal in the Garo Hills. *Rec. G. S. I.*, VII, 58—62.

—34. 1874. Record of the Khairpur Meteorite of 23rd September 1873. *Journ. A. S. B.*, XLIII, Pt. 2, 33—38.

—35. 1874. [Exhibition of specimens of the Khairpur Meteorite of 23rd September, 1873.] *Proc. A. S. B.*, 1.

—36. 1874. [Note on the Artesian Boring at Umballa.] *Prof. Papers Ind. Eng.*, Ser. 2, III, 123—127.

—37. 1875. Sketch of the Geology of Scindia's Territories. *Rec. G. S. I.*, VIII, 55—59.

—38. 1875. The Shapur Coal-field, with notice of Coal-explorations in the Narbada Region. *Rec. G. S. I.*, VIII, 65—86.

—39. 1875. Note on the Geology of Nepal. *Rec. G. S. I.*, VIII, 93—101.

—40. 1876. The Retirement of Dr. Oldham. *Rec. G. S. I.*, IX, 27.

—41. 1876. Note upon the Sub-Himalayan Series in the Jamu (Jummoo) Hills. *Rec. G. S. I.*, IX, 49—57.

—42. 1876. Record of the Sitathali Meteorite of 4th March 1875. *Proc. A. S. B.*, 115—116.

—43. 1876. Records of Meteorites [Judesegori, February 16, 1876; Nageriá, April 22, 1876]. *Proc. A. S. B.*, 221—223.

—44. 1877. Annual Report of the Geological Survey of India and of the Geological Museum, Calcutta, for 1876. *Rec. G. S. I.*, X, 1—7.

—45. 1877. Observations on Underground Temperature. *Rec. G. S. I.*, X, 45—48.

NATIONAL ARCHIVES OF INDIA

Medlicott, H. B.—*contd.*

1197—46. 1877. Note on Mr. J. F. Campbell's paper on "Himalayan Glaciation." *Journ. A. S. B.*, XLVI, Pt. 2, 11—13.

—47. 1877. [Remarks on Himalayan Glaciation.] *Proc. A. S. B.*, 3.

—48. 1878. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1877. *Rec. G. S. I.*, XI, 1—15.

—49. 1878. [Exhibition of a new Geological Map of India.] *Proc. A. S. B.*, 124—125.

—50. 1879. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1878. *Rec. G. S. I.*, XII, 1—13.

—51. 1879. Note on the Mohpani Coal-field. *Rec. G. S. I.*, XII, 95—99.

—52. 1879. [On Geological specimens collected by Lieutenant R. C. Temple in S. Afghanistan.] *Proc. A. S. B.*, 176—177.

—53. 1879. Rajputana,—Geology and Mountain System. *Rajputana Gazetteer*, I, 8—13.

—54. 1880. Annual Report of the Geological Survey of India and of the Geological Museum, Calcutta, for 1879. *Rec. G. S. I.*, XIII, 1—10.

—55. 1880. The Reh Soils of Upper India. *Rec. G. S. I.*, XIII, 273—276.

—56. 1880. [Exhibition of Geological Specimens from Afghanistan.] *Proc. A. S. B.*, 3—4.

—57. 1880. [Exhibition of a specimen of Rock-Salt from Chakmani, Kuram Valley.] *Proc. A. S. B.*, 123.

—58. 1880. Mountain Ranges. *Nature*, XXI, 301—302.

—59. 1881. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1880. *Rec. G. S. I.*, XIV, i—x.

NATIONAL ARCHIVES OF INDIA

Medlicott, H. B.—*contd.*

1197—60. 1881. The Nahun-Siwalik unconformity in the North-Western Himalaya. *Rec. G. S. I.*, XIV, 169—174.

—61. 1881. Artesian Borings in India. *Rec. G. S. I.*, XIV, 205—238; *Sel. Rec. Govt. India*, CLXXVIII, 1—31 (Abst., *Neu. Jahrb. f. Min.*, 1883, I, *Ref.* 49—50, W. W.).

—62. 1881. Remarks on the Unification of Geological Nomenclature and Cartography (a note sent to the International Geological Congress of 1881, at Bologna). *Rec. G. S. I.*, XIV, 277—279.

—63. 1882. Annual Report of the Geological Survey of India and of the Geological Museum, Calcutta, for 1881, *Rec. G. S. I.*, XV, 1—11.

—64. 1882. Note on the supposed occurrence of Coal on the Kistna. *Rec. G. S. I.*, XV, 207—216; *Min. Journ.*, LII, 1594.

—65. 1882. The Geology of Kumaon and Garhwal. *Gazetteer, N.-W. Provinces, India*, X, 111—168.

—66. 1883. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1882. *Rec. G. S. I.*, XVI, 1—9.

—67. 1883. Notice of a paper by Captain J. Clibborn in Professional Papers on Indian Engineering, on Irrigation from wells in the North-Western Provinces and Oudh. *Rec. G. S. I.*, XVI, 205—209; *Prof. Papers Ind. Eng.*, Ser. 3, I, 209—211.

—68. 1884. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1883. *Rec. G. S. I.*, XVII, 1—11.

—69. 1885. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1884. *Rec. G. S. I.*, XVIII, 1—9.

—70. 1885. Further considerations upon Artesian sources in the plains of Upper India. *Rec. G. S. I.*, XVIII, 112—121.

NATIONAL ARCHIVES OF INDIA

Medlicott, H. B.—*contd.*

1197—71. 1885. Some observations on Percolation as affected by Current. *Rec. G. S. I.*, XVIII, 146—147.

—72. 1885. Notice of the Pirthalla and Chandpur Meteorites. *Rec. G. S. I.*, XVIII, 148—149.

—73. 1885. Preliminary notice of the Bengal Earthquake of 14th July 1885. *Rec. G. S. I.*, XVIII, 156—158.

—74. 1885. Notice of the Sabetmahet Meteorite. *Rec. G. S. I.*, XVIII, 237—238.

—75. 1886. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1885. *Rec. G. S. I.*, XIX, 1—9.

—76. 1886. Memorandum on the discussion regarding the boulder-beds of the Salt Range. *Rec. G. S. I.*, XIX, 131—133.

—77. 1886. Note on the occurrence of Petroleum in India. *Rec. G. S. I.*, XIX, 185—204 (Abst., *Journ. I. S. Inst.*, XXIX, 363—364; *Proc. Inst. C. Eng.* LXXXVIII, 524—525, B. H. B.; *Verk. k.-k. Geol. Reichsanst.*, 1886, 399, E. Tietze).

—78. 1886. Notice of the Nammianthal Meteorite. *Rec. G. S. I.*, XIX, 268.

—79. 1886. Descriptive list of Exhibits for the Colonial and Indian Exhibition, London, 1886, 8°, Calcutta.

—80. 1887. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1886. *Rec. G. S. I.*, XX, 1—13.

—81. 1889. Sketch of the Geology of the Punjab. *Punjab Gazetteer, Prov. Vol.*, Chap. II, 22—79.

—82. 1891. The Geology of the Salt Range of the Punjab. *Geol. Mag.*, Dec. 3, VIII, 288.

———, *see* **Blanford, W. T., 148—95.**

NATIONAL ARCHIVES OF INDIA

Medlicott, H. B.—*concld.*

————, *see* **Hughes, T. W. H., 889.**

————, *see* **King, W., 987—37.**

Medlicott, H. B., *and* Blanford, W. T.

1198 . 1879. A Manual of the Geology of India, chiefly compiled from the observations of the Geological Survey, 8°., 2 Vols., Calcutta (Review, *Geol. Mag.*, Dec. 2, VII, 79—85, 127—134, R. B. F.; *Journ. Sci.*, Ser. 3, I, 698—699; *Nature*, XX, 191—195, H. F. B.; *Neu. Jahrb. f. Min.*, 1880, II, *Ref.* 37—45, W. Waagen; *Peterm. Mitth.*, XXV, 405—407).

————, *see* **Oldham, R. D., 1324—41.**

Medlicott, J. G.

1199—1. 1856. Report on the Coal of the Nerbudda Valley. *Sel. Rec. Govt., India*, X, 12—29.

—2. 1859. Note on the Geological Structure of parts of Central India. *Journ. A. S. B.*, XVIII, 303 (*Abstract*).

—3. 1860. On the Geological Structure of the Central portion of the Nerbudda District. *Mem. G. S. I.*, II, 97—278.

—4. 1868. Note of Analysis of three specimens of Coal from "the Hills about Murree." *Sel. Rec. Govt. India*, LXIV, 117—118.

Meggitt, A. A.

1200 . 1914. Studies of an Acid Soil in Assam. *Mem. Dep. Agric. Ind.*, III, 235—269.

Meigen, W.

1201 . 1911. Laterit. *Geol. Rundschau*, II, 197—207 (Abst. *Neu. Jahrb. f. Min.*, 1912, II, *Ref.* 186, v. Wolff).

Melczer, G.

1202 . 1900. Ueber einige Mineralien, vorwiegend von Ceylon. *Zeits. f. Kryst.*, XXXIII, 240—262 (Abst., *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 195—197, K. Busz).

NATIONAL ARCHIVES OF INDIA

Melzi, G.

1203 . 1897. Sopra alcune Rocce dell' Isola di Ceylan. *Rendic. R. Ist. Lomb. di Sci. e Lett.*, Ser. 2, XXX, 89—102.

Mennell, F. P.

1204 . 1909. Notes on Rhodesian Laterite. *Geol. Mag.*, Dec. VI, 350—352.

Meredith, J.

1205 . 1869. Notes on the topographical features of Assam, and their indications. *Proc. A. S. B.*, 165 (*Abstract*).

Merewether, C.

1206—1. 1869. Report on the different localities visited, in 1866, with a view to obtaining stone for the Kurrachee Harbour Works. *Prof. Papers Ind. Eng.*, Ser 1, VI, 130—144.

—2. 1870. Report on Experiments on the manufacture of Concrete Blocks lately made at Kurrachee. *Prof. Papers Ind. Eng.*, Ser 1, VII, Extra No., 78—105.

Merewether, *Sir* W.

1207 . 1852. A report of the disastrous consequences of the severe earthquake felt on the frontier of Upper Scinde on the 24th January 1852. *Trans. Bo. Geogr. Soc.*, X, 284—286.

Merrill, G. P.

1208 . 1899. A Discussion of the use of the Terms Rock-weathering, Serpentinization, and Hydrometamorphism. *Geol. Mag.*, Dec. 4, VI, 354—358.

Merriman, C. J.

1209 . 1880. Subterranean Forest in India (Bombay). *Nature*, XXIII, 105—106.

Merz, A.

1210—1. 1914. De Filippi's Expedition nach Kaschmir. *Zeits. Ges. f. Erdk.*, XLIX, 396—397.

—2. 1914. Die Erforschung des Siachengletschers in Karakoram durch die Workman-Expeditionen, 1911—12. *Zeits. Ges. f. Erdk.*, XLIX, 474—478.

NATIONAL ARCHIVE OF INDIA

Merzbacher, G.

1211 . 1911. Die Ergebnisse der letzten Reise des Prinzen Ludwig Amadeus von Savoyen nach dem Karakorum. *Peterm. Mitth.*, LVII, Pt. 2, 77—78.

Messent, P. Glynn.

1212 . 1906. On Indian Granites. *Quarry*, XI, 66—67, 114—116, 168—171.

Meunier, Stanislas

1213—1. 1871. Étude lithologique de la météorite de Parnallee. *C. R. Ac. Sci.*, LXXIII, 346—350.

—2. 1890. Examen chimique d'eaux minérales provenant de Malaisie. *C. R. Ac. Sci.*, CX, 1083—1085.

—3. 1901. Examen d'une météorite tombée dans l'île de Ceylan, le 13 Avril 1795. *C. R. Ac. Sci.*, CXXXII, 501—503 (*Abst., Journ. Chem. Soc.*, LXXX, Pt. 2, 322, L. J. S.; *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 371, O. Mügge; 1903, I, *Ref.* 208, G. Linck; *Geol. Centralbl.*, I, 580, E. Cohen).

—4. 1915. Structure de la Syssidère de Kodaikanal (Indes Anglaises); exemple de cataclase chez les fers météoriques. *C. R. Ac. Sci.*, CLX, 736—739.

Meyer, A. B.

1214—1. 1883. Ein neuer Fundort von Nephrit in Asien. *Abhandl. Naturw. Ges. Isis.*, 75—76 (Abst., *Neu. Jahrb. f. Min.*, 1884, II, *Ref.* 324—325, Fischer; *Zeits. f. Kryst.*, X., 612, P. Groth).

—2. 1892. Ueber Bernstein-artiges praehistorisches Material von Sizilien und über Barmanischen Bernstein. *Abhandl. Naturw. Ges. Isis*, 49—53.

—3. 1893. Wurde Bernstein von Hinterindien nach dem Westen exportirt? *Abhandl. naturw. Ges. Isis.*, 63—68 (Abst., *Nature*, XLVIII, 422).

Meyer, H. *von*

1215—1, 1865. Ueber die fossilien Reste von Wirbelthieren, welche die Herren von Schlagintweit von ihren Reisen in Indien und Hoch-Asien mitgebracht haben. *Palaeontographica*, XV, 1—40

NATIONAL ARCHIVES OF INDIA

Meyer, H. *von—contd.*

1215—2. 1865. Mittheilungen über die von Schlagintweit aus Indien und Hochasien mitgebrachten fossilen Knochen und Zähne und über den Charakter von Asiens fossiler Wirbelthier-Fauna. *Neu. Jahrb. f. Min.*, 604—610.

Miall, L. C.

1216 . 1878. On the Genus *Ceratodus*, with special reference to the Fossil Teeth found at Malédi, Central India. *Pal. Indica*, Ser. IV, I, Pt. 2, 9—17.

Michell, J. W. A.

1217 . 1890. Explorations in the Sikkim Himalaya. *Alp. Journ.*, XV, 111—120 (Abst., *Peterm. Mitth.*, XXXVII, *Litt.* 39).

Michell, St. J.

1218 . 1882. Note on the Abor Country, on the Upper Waters of the Brahmaputra. *Proc. R. Geogr. Soc.*, N. S., IV, 676—678.

Middlemiss, C. S.

1219—1. 1885. A fossiliferous series in the Lower Himalaya, Garhwal. *Rec. G. S. I.*, XVIII, 73—77.

—2. 1885. Report on the Bengal Earthquake of July 14th, 1885. *Rec. G. S. I.*, XVIII, 200—221 (Abst., *Proc. Inst. C. Eng.* LXXXV, 508—509, G. R. K.; *Peterm. Mitth.*, XXXII, *Litt.* 83, Supan).

—3. 1887. Physical Geology of West British Garhwal; with notes on a Route Traverse through Jaunsar Bawar and Tiri-Garhwal. *Rec. G. S. I.*, XX, 26—40 (Abst., *Geol. Mag.*, Dec. 3, IV, 324—325; *Peterm. Mitth.*, XXXIII, *Litt.* 122, Supan.; *Ann. Géol. Univ.*, VI, 581—582, E. de Margerie).

—4. 1887. Crystalline and Metamorphic Rocks of the Lower Himalaya, Garhwal, and Kumaon. *Rec. G. S. I.*, XX, 134—143 (Abst., *Ann. Géol. Univ.*, VI, 582—584, E. de Margerie).

—5. 1887. Crystalline and Metamorphic Rocks of the Lower Himalaya, Garhwal, and Kumaun, Section II. *Rec. G. S. I.*, XX, 161—167.

NATIONAL ARCHIVES OF INDIA

Middlemiss, C. S.—*contd.*

1219—6. 1888. Crystalline and Metamorphic Rocks of the Lower Himalaya, Garhwal and Kumaun, Section III. *Rec. G. S. I.*, XXI, 11—28.

—7. 1889. Distorted pebbles in the Siwalik conglomerate. *Rec. G. S. I.*, XXII, 68—69.

—8. 1889. The Gypsum of the Nehal Naddi, Kumaun. *Rec. G. S. I.*, XXII, 137—139.

—9. 1889. On some Palagonite-bearing traps of the Rajmahal Hills, and Deccan. *Rec. G. S. I.*, XXII, 226—235.

—10. 1890. Physical Geology of the Sub-Himalaya of Garhwal and Kumaun. *Mem. G. S. I.*, XXIV, 59—200 (Review, *Geol. Mag.*, Dec. 3, VII, 471—474, H. B. Medlicott; *Neu. Jahrb. f. Min.*, 1894, II, *Ref.* 494—496, K. Futterer; *Peterm. Mitth.*, XXXVIII *Litt.* 160—161, Supan; *Ann. Géol. Univ.*, VI, 584—587, E. de Margerie).

—11. 1890. Crystalline and Metamorphic Rocks of he Lower Himalaya, Garhwal and Kumaun, Section IV. *Rec. G. S. I.*, XXIII, 24—38.

—12. 1890. Geological sketch of Naini Tal; with some remarks on the natural conditions governing mountain slopes. *Rec. G. S. I.*, XXIII, 212—234 (Abst., *Neu. Jahrb. f. Min.*, 1894, II, *Ref.* 294—297, K. Futterer; *Peterm. Mitth.*, XXXVII, *Litt.*, 40, Supan; *Ann. Géol. Univ.*, VII, 773—776, G. Ramond)

—13. 1890. Preliminary Note on the Coal Seam of the Dore Ravine, Hazara. *Rec. G. S. I.*, XXIII, 267—269 (Abst., *Journ. I. S. Inst.*, XXXIX, 290; *Proc. Inst. C. Eng.*, CIV, 396, B. H. B.: *Neu. Jahrb. f. Min.*, 1894, II, *Ref.* 110, K. Futterer).

—14. 1891. Notes on the Geology of the Salt Range of the Punjab, with a re-considered theory of the Origin and Age of the Salt Marl. *Rec. G. S. I.*, XXIV, 19—42 (Abst., *Peterm. Mitth.*, XXXVIII, *Litt.* 162, Supan; *Ann. Géol. Univ.*, VIII, 543—545, G. Ramond).

NATIONAL ARCHIVE OF INDIA

Middlemiss, C. S.—*contd.*

1219—15. 1891. Physical Geology of the sub-Himalaya. *Geol. Mag.*, Dec. 3, VIII, 93.

—16. 1892. Petrological Notes on the Boulder-bed of the Salt Range, Punjab. *Rec. G. S. I.*, XXV, 29—35.

—17. 1896. The Geology of Hazara and the Black Mountain. *Mem. G. S. I.*, XXVI, 1—302.

—18. 1896. Notes on the Ultra-basic rocks and derived minerals of the Chalk (magnesite) hills and other localities near Salem, Madras. *Rec. G. S. I.*, XXIX, 31—38 (Abst., *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 440—441, Milch).

—19. 1896. Preliminary notes on some Corundum localities in the Salem and Coimbatore Districts, Madras. *Rec. G. S. I.*, XXIX, 39—50; *Agric. Ledger*, III, No. 16, 1—19 (Abst., *Zeits. f. Kryst*, XXX, 90, H. A. Miers).

—20. 1896. Report on the Magnesite Areas of the Chalk Hills, etc., near Salem. *Agric. Ledger*, III, No. 15, 1—11.

—21. 1897. Report on some trial excavations for Corundum near Palakod, Salem District. *Rec. G. S. I.*, XXX, 118—122 (Abst., *Zeits. f. Kryst.*, XXXII, 298, H. L. Bowman).

—22. 1900. Report on a Geological Reconnaissance in parts of the Southern Shan States and Karenni. *Gen. Rep. G. S. I.*, 1899—1900, 122—153.

—23. 1904. Note on a Sapphirine-bearing Rock from Vizagapatam District. *Rec. G. S. I.*, XXXI, 38—42 (Abst., *Zeits. f. Kryst.*, XLII, 389—390, H. L. Bowman).

—24. 1905. Preliminary Account of the Kangra Earthquake of 4th April 1905. *Rec. G. S. I.*, XXXII, 230, 258—294 (Abst., *Scot. Geogr. Mag.*, XXII, 213—214; *Nature*, LXXIII, 418; *Peterm. Mitth.*, LII, *Litt.* 197—198, Rudolph; *Geol. Centralbl.*, VIII, 264—266, A. Sieberg).

—25 1908. Two Calcutta Earthquakes of 1906. *Rec. G. S. I.*, XXXVI, 214—232.

NATIONAL ARCHIVES OF INDIA

Middlemiss, C. S.—*contd.*

1219—26. 1909. Gondwanas and related Marine Sedimentary Systems of Kashmir. *Rec. G. S. I.*, XXXVII, 286—327 (Abst., *Neu. Jahrb. f. Min.*, 1911, II, *Ref.* 272—274, E. Koken).

—27. 1910. The Kangra Earthquake of 4th April, 1905. *Mem. G. S. I.*, XXXVIII, 1—409 + i—xxi (Review, *Geogr. Journ.*, XXXVIII, 307—308; *Peterm. Mitth.*, LVII, Pt. 2, 42—43, A. Dannenberg).

—28. 1910. A Revision of the Silurian-Trias Sequence in Kashmir. *Rec. G. S. I.*, XL, 206—260.

—29. 1911. Sections in the Pir Panjal Range and Sind Valley, Kashmir. *Rec. G. S. I.*, XLI, 115—144.

—30. 1912. Note on Steatite Deposits, Idar State. *Rec. G. S. I.*, XLII, 52—53.

—31. 1915. General Report of the Geological Survey of India for the year 1914. *Rec. G. S. I.*, XLV, 85—137.

————, *see* **Hayden, H. H., 793**—17.

————, *see* **McMahon, C. A., 1142**—34.

Middleton, G.

1220 . 1828. Analyses made in Colombo of Ceylonese Varieties of Ironstone and Limestone. *Edin. N. Phil. Journ.*, IV, 169.

Middleton, J.

1221—1. 1845. Analysis of a Cobalt Ore found in Western India. *Mem. Chem. Soc.*, III, 39—41; *Phil. Ma* Ser. 3, XXVIII, 352—354 (Abst., *Ann. des Mines*, er. 4, XI, 613; *Neu. Jahrb. f. Min.*, 1852, 702).

—2. 1849. Description of the Specimens of Stone common in Agra, Allahabad, Banda, and Mirzapore. *Sel. Rec. Govt.* N.-W. P., I, Pt. 2, No. X, 110—119; N.S., V, 314—325.

Middleton, J. E.

1222 . 1848. On the useful Ores and Earths of Ceylon. *Mad. Journ. Lit. Sci.*, XV, 202—204.

NATIONAL ARCHIVES OF INDIA

Miers, H. A.

1223 . 1901. Dr. Grünling's Mineralogical Expedition to Ceylon. *Nature*, LXIII, 453—454.

Milburn, W.

1224 . 1813. Oriental Commerce; containing a Geographical Description of the principal places in the East Indies, China, and Japan, with their Produce, Manufactures, and Trade. 4°, 2 Vols., London.

Miles, R. H.

1225 . 1834. Some Remarks upon the country to the South-West of Hoshungabad, and of the Soil, Cultivation, etc., of that part of the Valley of the Nerbudda, situated between Hoshungabad and the Fort of Mukrai, in the lower range of the Kali-bheet Hills. *Journ. A. S. B.*, III, 61—70.

Miles, S. B.

1226 . 1874. Journey from Gwadur to Karachi. *Journ. R. Geogr. Soc.*, XLIV, 163—182.

Miles, S. B., *and* Munzinger, W.

1227 . 1874. Journal of an Excursion ..... from Hour, returning to Aden through the Fudhli Country .....; as also a Report upon the Geography of the District. *Trans. Bo. Geogr. Soc.*, XIX, 166—186.

Mill, W. H.

1228 . 1833. Report of the Committee appointed on the 27th March, 1883, to consider on the expediency of recommending to the Government the continuance of the Boring Operations [in Calcutta]. *Journ. A. S. B.*, II, 369—374.

Miller, ————

1229 . 1843. Notes on Barren Island in the Bay of Bengal. *Cal. Journ. Nat. Hist.*, III, 422—424.

Miller, G.

1230—1. 1908. Presidential Address, Mining and Geological Institute of India. [Progress of Indian Coal Mining]. *Trans. Min. Geol. Inst. Ind.*, III, 9—23.

—2. 1909. Proposed Electrification of Dishergarh Colliery. *Trans. Min. Geol. Inst. Ind.*, IV, 29—42.

NATIONAL ARCHIVES OF INDIA

Minchinton, H. D.

1231—1. 1914. Week-end Scrambles in the Kangra Himalayas. *Alp. Journ.*, XXVIII, 382—394.

—2. 1915. Diary of a Trip in Bara Banghal, Lahoul, Zaskar in 1914. *Alp. Journ.*, XXIX, 89—92.

Mitchell, J.

1232 . 1861. The Mud Bank at Narrikal, near Cochin; its composition, as exhibited by the Microscope. *Mad. Journ. Lit. Sci.*, N. S., VI, 264—271.

Modder, F. H.

1233—1. 1890. The animal-shaped Rocks of Kurunégala [Ceylon]. *Journ. Ceyl. As. Soc.*, XI, 377—425.

—2. 1897. A Geological and Mineralogical Sketch of the North-Western Province, Ceylon. *Journ. Ceyl. As. Soc.*, XV, 39—79.

Mohan Lal

1234—1. 1838. Account of Kala Bagh on the right bank of the Indus. *Journ. A. S. B.*, VII, 25—27.

—2. 1846. Travels in the Punjab, Afghanistan, and Turkestan, to Balk, Bokhara and Herat. 8°., 528 pp., London.

Moir, E. Mc. A.

1235 . 1884. [Report on the Chos of Hoshiarpur]. *Ind. Forester*, X, 271—277 (*Review*).

Mojsisovics, Edlem *von* Mojsvar, E.

1236—1. 1892. Vorläufige Bemerkungen über die Cephalopoden-Faunen der Himalaya-Trias. *Sitz. k. Akad. Wiss.*, CI, Abth. 1, 372—378; *Rec. G. S. I.*, XXV, 186—189 (Abst., *Neu. Jahrb. f. Min.*, 1893, II, *Ref.* 415—416, Benecke; *Verh. k.k. Geol. Reichsanst.*, 1892, 246—247, G. Geyer).

—2. 1896. Beiträge zur Kenntniss der obertriadischen Cephaloden-Faunen des Himalaya. *Denkschr. k. Akad. Wiss.*, LXIII, 575—701 (Review, *Geol. Mag.*, Dec. 4, IV, 562—564; Abst., *Revue Pal.*, II, 44—46; *Neu. Jahrb. f. Min.*, 1897, II, *Ref.* 381—390, Benecke; *Anz. k. Akad. Wiss.*, XXXIII, 126—127).

NATIONAL ARCHIVES OF INDIA

Mojsisovics, Edlem *von* Mojsvar, E.—*contd.*

1236—3. 1899. Upper Triassic Cephalopoda Faunæ of the Himalayas. *Pal. Indica*, Ser. XV, III, Pt. I, 1—157 (Review, *Ann. Mag. Nat. Hist.*, Ser. 7, X, 336—340).

———, *see* **Suess E., 1725.**

Mojsisovics, E. *von*, Waagen, W., *and* Diener, C.

1237 . 1895. Entwurf einer Gliederung der pelagischen Sedimente des Trias-Systems. *Sitz. k. Akad. Wiss.*, CIV, Abth. 1, 1271—1302 (Abst. *Verh. k. k. Geol. Reichsanst.*, 1895, 487—490, C. M. Paul).

Molony, E.

1238 . 1905. Some remarks on the Geology of the Gangetic Plain. *Journ. A. S. B.*, N. S., I, 230—235.

Monckton, E. H. C.

1239 . 1849. [Report on Stone Quarries in the Allahabad Division]. *Sel. Rec. Govt. N.-W. P.*, I, Pt. 2, No. X, 99—104; N. S., V, 302—308.

Moneeram.

1240 . 1838. Native account of washing for gold in Assam. *Journ. A. S. B.*, VII, 621—625.

Money, W. E.

1241 . 1849. Report on the Stone Quarries in the Mirzapore District. *Sel. Rec. Govt. N.-W. P.*, I, Pt. 2, No. X, 94—99; N. S., V, 295—301.

Monteith, ———

1242 . 1836. A Visit to Cumbaucum-Droog, a remarkable Table Land near Madras. *Mad. Journ. Lit. Sci.*, IV, 134—138.

Montgomerie, T. G.

1243—1. 1857. Memorandum on the Nanga Parbat and other Snowy Mountains of the Himalaya Range adjacent to Kashmir. *Journ. A. S. B.*, XXVI, 266—274 (Abst. *Peterm. Mitth.*, IV, 491—495).

—2. 1860. Memorandum on the great flood of the river Indus which reached Attok on the 10th August 1858. *Journ. A. S. B.*, XXIX, 128—135.

NATIONAL ARCHIVES OF INDIA

Montgomerie, T. G.—*contd.*

1243—3. 1862. [Memorandum on the Glaciers of the Himalayan and Mustagh water-sheds]. *Journ. A. S. B.*, XXXI, 209—213 (Abst. *Edin. N. Phil. Journ.*, N. S., XVII, 157—158).

—4. 1868. Report of a Route-Survey made by Pundit ——, from Nepal to Lhasa, and thence through the Upper Valley of the Brahmaputra to its Source. *Journ. R. Geogr. Soc.*, XXXVIII, 129—219; *Prof. Papers Ind. Eng.*, Ser. 1, V, 97—110, 198—210 (Abst., *Proc. R. Geogr. Soc.*, XII, 146—173; *Peterm. Mitth.*, XIV, 233—243, 276—290).

—5. 1869. Report of the Trans-Himalayan Explorations during 1867. *Journ. R. Geogr. Soc.*, XXXIX, 146—187; *Sel. Rec. Govt. India*, LXXIV, 33—65 (Abst., *Proc. R. Geogr. Soc.*, XIII, 183—198; *Nature*, I, 192—193; *Bull. Soc. Géogr.*, Ser. 5, XVII, 160—168; *Peterm. Mitth.*, XV, 103—104).

—6. 1869. Der Maschabrum-Pik in der Mustag-Kette. *Peterm. Mitth.*, XV, 108.

—7 1870. Narrative Report of the Trans-Himalayan Explorations made during 1868; drawn up.....from the original Journals, etc., of the Trans-Himalayan exploring parties. *Journ. A. S. B.*, XXXIX, Pt. 2, 47—60; *Proc. R. Geogr. Soc.*, XIV, 207—214.

—8. 1871. Report of "The Mirza's" Exploration from Caubul to Kashgar. *Journ. R. Geogr. Soc.*, XLI, 132—193.

—9. 1872. A Havildar's Journey through Chitral to Faizabad in 1870. *Journ. R. Geogr. Soc.*, XLII, 180—201.

—10. 1875. Narrative of an Exploration of the Namcho, or Tengri Núr Lake, in Great Tibet, made by a Native Explorer, during 1871-72. *Journ. R. Geogr. Soc.*, XLV, 315—330.

—11. 1875. Journey to Shigatze, in Tibet, and Return by Dingri-Maidan into Nepaul, in 1871, by the Native Explorer No. 9. *Journ. R. Geogr. Soc.*, XLV, 330—349 (Abst., *Peterm. Mitth.*, XXI, 147—152).

NATIONAL ARCHIVES OF INDIA

Montgomerie, T. G.—*contd.*

1243—12. 1875. Extracts from an Explorer's Narrative of his Journey from Pitorágarh, in Kumaon, *viâ* Jumla to Tadum and back, along the Káli Gandak to British Territory. *Journ. R. Geogr. Soc.*, XLV, 350—363.

—13. 1875. On Himalayan Glaciers. *Rep. Brit. Assoc.*, XLV, *Sections*, 193—194 (*Abstract*).

Mookerjee, D. N.

1244 . 1909. Note on the Soils of Bengal. Department of Agriculture, Bengal. 8°, 57 pp., Calcutta.

Moorcroft, W.

1245—1. 1816. A Journey to Lake Manasaróvara in Un-dés, a Province of Little Tibet. *As. Res.*, XII, 375—534; *As. Journ.*, IV, 443—448, 559—564; V, 25—30, 128—134, 233—239, 343—350, 455—462, 547—554; VI, 9—16, 145—149, 250—256.

—2. 1832. Notices of the Natural Productions and Agriculture of Cashmere. *Journ. R. Geogr. Soc.*, II, 253—268.

———, *see* **Cunningham, J. W., 401—1.**

Moorcroft, W., *and* Trebeck, G.

1246 . 1841. Travels in the Himalayan Provinces of Hindustan and the Punjab; in Ladakh and Kashmir; in Peshawar, Kabul, Kunduz, and Bokhara, from 1819 to 1825. 8°., 2 Vols., London (Review, *Bibl. Univ.*, N. S., XX, 122—146).

Moore, L.

1247 . 1878. A Manual of the Trichinopoly District in the Presidency of Madras. 8°., 389 pp., Madras. (Chap. II, Geology and Soils, compiled from Memoirs G. S. I., Vol. IV, Pts. 1 and 2).

Moore, T. J.

1248 . 1872. Note on the *Sivatherium* of the Upper Miocene of the Sivalik Hills, and its supposed Zoological relations, as elucidated by Dr. James Murie. *Proc. Geol. Soc. Liverpool*, II, *Sess.* 13, 135.

NATIONAL ARCHIVES OF INDIA

Moreland, W. H.

1249—1. 1901. An account of the attempts which have been made to utilize the upland Barren Lands (usar) of the North-Western Provinces and Oudh for profitable purposes. *Agric. Ledger*, VIII, No. 13, 415—462.

—2. 1909. Wells in the Gangetic Alluvium. *Agric. Journ. India*, IV, 34—42.

Moresby, ——

1250 . 1835. Extracts from a Report on the Northern Atolls of the Maldivas. *Journ. R. Geogr. Soc.*, V, 398—404 (Abst., *Bull. Soc. Géogr.*, Ser. 2, XV, 65—93, Daussy).

Morgan, A.

1251—1. 1876. A note on Itacolumyte, or Flexible Sandstone. *Proc. Geol. Soc. Liverpool*, III, 148—151; *Proc. Lit. Phil. Soc. Liverpool*, XXX, 223—226.

—2. 1876. On the Khasi Hill Tribes of North Eastern Bengal, and on the Geology of the Shillong Plat au. *Proc. Lit. Phil. Soc. Liverpool*, XXX, 115—128.

Morgan, A. H.

1252 . 1904. The Burma Ruby Mines. *Min. Journ.*, LXXVI, 4.

Morgan, E. W.

1253—1. 1892. The Pamir : a Geographical and Political Sketch. *Scot. Geogr. Mag.*, VIII, 15—23.

—2. 1894. The Mountain Systems of Central Asia. *Scot. Geogr. Mag.*, X, 337—352.

Morgan, J. de, *see* **de Morgan, 463.**

Mornay, S.

1254—1. 1842. Notice of three Trap Dykes in the Burdwan district, and of the effect produced by them on the coal which they pierce. *Cal. Journ. Nat. Hist.*, II, 126—128.

—2. 1843. Qualitative Examination of the Native Copper found on Round Island in the Cheduba Group, South-East of Ramree. *Journ. A. S. B.*, XII, 904—906.

NATIONAL ARCHIVES OF INDIA

Morris, H.

1255 . 1878. A Descriptive and Historical account of the Godavery District in the Presidency of Madras. 8°, 390 pp., London. (Chap. IV contains remarks on the Geology).

Morris, J., *see* **Oldham, T., 1329.**

Morrison, Cameron

1256 . 1905. Some Geographical peculiarities of the Indian Peninsula. *Scot. Geogr. Mag.*, XXI, 457—463.

Mort, A.

1257 . 1913. Coal Mining at Khost, Baluchistan. *Trans. Min. Geol. Inst. Ind.*, VII, 295—313.

Mosa, P.

1258 . 1877. The Coal-fields of Asia, extract translated from HOCHSTETTER's Asien, seine Zukunftsbahnen und seine Kohlenschätze. 8°, Simla.

Moss, A. Spence

1259 . 1881. Valentyn's Account of Adam's Peak. *Journ. Ceyl. As. Soc.*, VII, Pt. I, 49—55.

Moss, H. A.

1260 . 1902. Directions for ascertaining the quantity of Silt carried in suspension by a River. *Railway Board Tech. Paper No.* 139, 1—10.

Moss, N. A.

1261 . 1897. A Short Note on the Disturbance of the Magnetical and Meteorological Instruments at the Colaba Observatory during the Earthquake of 12th June 1897. *Proc. Roy. Soc. Edinb.*, XXII, 11—21.

Motte, T.

1262 . 1800. A narrative of a Journey to the Diamond Mines at Sumbhulpoor, in the Province of Orissa, undertaken in the year 1766. *As. Ann. Reg.*, I, *Misc. Tracts*, 50—86.

Mouat, F. J.

1263—1. 1842. Analysis of Sandoway Soils. *Journ. Agri. Hort. Soc. India*, I, 110—114.

NATIONAL ARCHIVES OF INDIA

Mouat, F. J.—*contd.*

1263—2. **1862.** Narrative of an Expedition to the Andaman Islands in 1857. *Journ. R. Geogr. Soc.*, XXXII, 109—126 (Abst., *Proc. R. Geogr. Soc.*, VI, 41—43).

—3. **1863.** Adventures and Researches among the Andaman Islanders. 8°, 367 pp., London.

Moureaux, Th.

1264 . **1905.** Sur le tremblement de terre de Lahore et les variations de l' aiguille aimantée à Paris. *C. R. Ac. Sci.*, CXL, 1073—1074.

Mügge, O.

1265 . **1887.** Ueber " Gelenksandstein " aus der Umgegend von Delhi. *Neu. Jahrb. f. Min.*, 1887, I, *Br. Mitth.*, 195—197 (Abst., *Mineral. Mag.*, VIII, 35; *Zeits. f. Kryst.*, XIV, 497, C. Hintze).

Mukerji, J. N., *see* **Leather, J. W., 1044.**

Müller, H., *see* **de la Rue, Warren, 458.**

Müller, K.

1266 . **1890.** Die grössten Höhen Indiens und Hochasiens. *Verh. Ges. f. Erdk.*, VII, 208—212.

Mumm, A. L.

1267 . **1909.** Five Months in the Himalaya, a Record of Mountain Travel in Garhwal and Kashmir. 8°, 263 pp., London.

Munphool Meer, *Munshi*

1268 . **1869.** On Gilgit and Chitral. *Proc. R. Geogr. Soc.*, XIII, 130—133.

Munzinger, W., *see* **Miles, S. B., 1227.**

Murchison, C.

1269 . **1868.** Palæontological Memoirs and Notes of the late Hugh Falconer, A. M., M. D. 8°, 2 Vols., London.

NATIONAL ARCHIVES OF INDIA

Murchison, *Sir* R. I.

1270 . 1847. Introduction to a Second Memoir of Capt. Vicary on the Geology of parts of Sinde. *Quart. Journ. Geol. Soc.*, III, Pt. 1, 331—333 ; *Western India*, 518—520.

Murie, J.

1271 . 1871 On the Systematic Position of the *Sivatherium giganteum* of Falconer and Cautley. *Geol. Mag., Dec.* 1, VIII, 438—448, 526—527 (Abst., *Rep. Brit. Assoc.* XLI, *Sections*, 108—109).

———, *see* **Moore, T. J., 1248.**

Murray, A.

1272 . 1859. Notes on some Fossil Insects from Nagpur. *Quart. Journ. Geol. Soc.*, XVI, Pt. 1, 182—185.

Murray, H.

1273 . 1816. On the Ancient Geography of Central and Eastern Asia, with Illustrations derived from Recent Discoveries in the North of India. *Edinb. Trans.*, VIII, 171—204.

Murray, J.

1274 . 1848. On the introduction and use of the Natural Mineral Waters at Landour. *Cal. Journ. Nat. Hist.*, VIII, 17—40.

Murray, *Sir* John

1275—1. 1887. On some recent deep-sea Observations in the Indian Ocean. *Scot. Geogr. Mag.*, III, 553—561.

—2. 1889. On Marine Deposits in the Indian, Southern, and Antarctic Oceans. *Scot. Geogr. Mag.*, V, 405—436.

Murray, J. A.

1276 . 1880. A Hand-Book to the Geology, Botany, and Zoology of Sind. 8°, 310, pp., Kurrachee.

Mushet, D.

1277 . 1805. Experiments on Wootz. *Phil. Trans.*, XCV, 163—175 ; *Proc. Roy. Soc.*, I, 183—185 ; *Phil. Mag.*, Ser. 1, XXII, 40—48 ; *Nich. Journ.*, XI, 221—224, 284—290.

NATIONAL ARCHIVES OF INDIA

Mushketoff, J. B., *see* **Griesbach, C. L., 708—17.**

Muzzy, *Rev.* **D.**

1278 . 1856. The Geological features of Madura, Trichinopoly, Tanjore and Pootha-cotta. *Mad. Journ. Lit. Sci.*, N. S., 1, 90—102.

———, *see* **Balfour, E., 69—4.**

N

N.,———A.

1279—1. 1829. Some Account of a Boring, made in Fort William, for this Purpose of procuring a Supply of Fresh Water, with Remarks on the Nature of that used in Calcutta, for domestic Consumption. *Glean. Sci.*, I, 102—105.

—2. 1829. Details of several Borings made in Calcutta, in search of a Spring of Fresh Water. *Glean. Sci.* I, 167—169.

Narayana Rau, H.

1280 . 1904. On a Deep-Sea Deposit from an Artesian Boring at Kilacheri, near Madras. *Quart. Journ. Geol. Soc.*, LX, *Proc.* viii (*Title only*); *Phil. Mag.*, Ser. 6, VII, 313—314.

Naumann, E.

1281 . 1895. The Fundamental Lines of Anatolia and Central Asia. *Report, VI intern. Geogr. Congress, London*, 661—670.

Needham, J. F.

1282—1. 1886. Journey to the Zayul Chu. *Proc. R. Geogr. Soc.*, N. S., VIII, 265—266.

—2. 1888. Journey along the Lohit Brahmaputra, between Sadiya in Upper Assam and Rima in South-Eastern Tibet. *Proc. R. Geogr. Soc.*, Suppl. Papers, II, Pt. 3, 485—555.

—3. 1889. The Hydrography of South-Eastern Tibet: the Dibong River. *Proc. R. Geogr. Soc.*, N. S., XI, 440—441.

NATIONAL ARCHIVES OF INDIA

Neilson R. G.

1283 . 1906. On samples of mud from Narrakal, Alleppy and Calicut at the smooth-water anchorages on the Travancore Coast. *Rec. G. S. I.*, XXXIV, 40—42.

Nelson,—(1)

1284 . 1846. Notice of an Earthquake and a probable Subsidence of the Land in the district of Cutch, near the mouth of the Koree, or Eastern branch of the Indus, in June 1845. *Quart. Journ. Geol. Soc.*, II, Pt., 1, 103 (Abst., *Neu. Jahrb. f. Min.*, 1848, 77).

Nelson,—(2)

1285 . 1866. Report of the tracts of country on the Kistnah, marked "Unsurveyed and impenetrable" in the Great Trigonometrical Map, sheet 76. *Mad. Journ. Lit. Sci.*, Ser. 3, Pt. 2, 126—139.

Nelson, J. H.

1286 . 1868. Manual of the Madura Country. 8°, 5 parts, Madras. (Part 1, Chap. 1, Physical Geography, Lithology, etc., Chap. II, Mimeralogy).

Neogi, Panchaman

1287 . 1914. Iron in Ancient India. *Bull. Ind. Assoc.*, XII, 1—78 (Abst., *Nature*, XCIV, 520).

Ness, W.

1288—1. 1874. [Note on iron and coal in Central India]. *Journ. Soc. Arts*, XXII, 780.

—2. 1874. On the Warora Coal-field. *Coll. Guard.*, XXVIII, 745; XXIX, 237; *Min. Journ.*, XLV, 163.

—3. 1875. The Government Experiments in Iron-making in India. *Coll. Guard.*, XXX, 925; *Min. Journ.*, XLV, 1436; XLVI, 215; *Eng. Min. Journ.*, XXI, 56; *Journ. I. S. Inst.*, IX, 616—617; X, 210—211.

—4. 1876. Report on the Experiment of Iron [at Warora]. *Gazette of India, Suppl.*, 480—482.

NATIONAL ARCHIVES OF INDIA

Ness, W.—*contd.*

1288—5. 1877. The Warora Coal-field. *Coll. Guard.*, XXXIV, 629, 658.

—6. 1880. Report on the Iron-making Resources of the Bengal Presidency. Fol., Calcutta (Abst., *Journ. I. S. Inst.*, XIV, 373—375).

Neufville, J. B.

1289 . 1828. On the Geography and Population of Assam. *As. Res.*, XVI, 331—352 ; *Sel. Rec. Beng. Govt.*, XXIII, 1—17.

Neumayr, M.

1290 . 1884. Die Intertrappean Beds im Dekan und die Laramiegruppe im westlichen Nordamerika. *Neu. Jahrb. f. Min.*, I, 74—76 ; *Rec. G. S. I.*, XVII, 87—88.

Neve, A.

1291—1. 1907. Rapid Glacial advance in the Hindu Kush. *Alp. Journ.*, XXIII, 400—401.

—2. 1908. The Bhot Kol Glacier, Nun Kun Mountains. *Geogr. Journ.*, XXXII, 631—632.

—3 1910. Notes on some Kashmir Glaciers. *Rec. G. S. I.*, XL, 342—343.

—4. 1910. The Ranges of the Karakoram, *Geogr. Journ.*, XXXVI, 571—577.

—5. 1911. Journeys in the Himalayas and some Factors of Himalayan Erosion. *Geogr. Journ.*, XXXVIII, 345—362.

Neve, E. F.

1292—1. 1902. The Pir Panjal Range and Tatticooti, Kashmir. *Alp. Journ.*, XXI, 31—33.

—2. 1912. Beyond the Pir Panjal. 8°, 320 pp., London (Review, *Geogr. Journ.*, XXXIX, 383—384, A. L. M. ; *Peterm. Mitth.*, LIX, Pt. 1, 149, Oestreich).

NATIONAL ARCHIVES OF INDIA

Nevill, H.

1293 . 1870. Notes on the Geological Origin of South-Western Ceylon, together with its Relations to the Rest of the Island. *Journ. Ceyl. As. Soc.*, V, 11—20.

Newbold, T. J.

1294—1. 1833. A visit to the Gold Mines at Battang Moring, and Summit of Mount Ophir, or "Gunong Ledang" in the Malay Peninsula. *Journ. A. S. B.*, II, 497—502.

—2. 1834. Some Account of the Territory and Inhabitants of Naning, in the Malayan Peninsula. *Journ. A. S. B.*, III, 601—616.

—3. 1835. Account of Sungie Ujong, one of the States in the interior of Malacca. *Journ. A. S. B.*, IV, 537—553 (Abst., *Bibl., Univ.*, N. S., VIII, 435—437, I. M.).

—4. 1836. Johole and its former dependencies of Jompole Gominchi. *Journ. A. S. B.*, V, 257—263.

—5. 1836. Note on the States of Perak, Srimenanti, and other States in the Malay Peninsula. *Journ. A. S. B.*, V, 505—509.

—6. 1836. Sketch of the State of Muar, Malay Peninsula. *Journ. A. S. B.*, V, 561—567.

—7. 1836. Note on the occurrence of Volcanic Scoria in the Southern Peninsula. *Journ. A. S. B.*, V, 670—671 (Abst., *Bibl. Univ.*, N. S., XII, 223—224, I. M.).

—8. 1836. A glance at the Banagonpilly Jaghire, taken while passing through that territory in March 1836. *Mad. Journ. Lit. Sci.*, III, 117—122.

—9. 1838. Sketch of the Malayan Peninsula. *Mad. Journ. Lit. Sci.*, VII, 52—75.

—10. 1838. Description of the Valley of Sondur. *Mad. Journ Lit. Sci.*, VIII, 128—152.

—11. 1838. On the Rigar or Black Cotton Soil of India. *Proc. Roy. Soc.*, IV, 53—54.

NATIONAL ARCHIVES OF INDIA

Newbold, T. J.—*contd.*

1294—12. 1839. Notice of River Dunes on the banks of the Hogri and Pennaur. *Mad. Journ. Lit. Sci.*, IX, 309—310.

—13. 1839. Some Account, Historical, Geographical and Statistical, of the Ceded Districts. *Mad. Journ. Lit. Sci.*, X, 109—131.

—14. 1839. Political and Statistical Account of the British Settlements in the Straits of Malacca, *viz.*, Pinang, Malacca and Singapore ; with a history of the Malayan States on the Peninsula of Malacca. 8°, 2 Vols., London.

—15. 1840. A cursory Notice of the Gold Tract in the Kupputgode Range—Manganese Mines near Wodoorti, —— and Flint excavations in the Southern Mahratta country,—the Corundum Pits of the Western part of Mysore, and the Diamond Mines of Kurnool. *Mad. Journ. Lit. Sci.*, XI, 42—51.

—16. 1840. Notes, principally Geological, on Southern India; from the banks of the Tumbuddra to those of the Cauvery. *Mad. Journ. Lit. Sci.*, XI, 126—143.

—17. 1840. Account of a Carboniferous Stratum at Baypoor near Calicut, Malabar Coast. *Mad. Journ. Lit. Sci.*, XI, 239—243.

—18 1840. Note on the Geological position of the Laterite in the vicinity of Beder. *Mad. Journ. Lit. Sci.*, XI, 244—245.

—19. 1840. Geological Desiderata. *Mad. Journ. Lit. Sci.*, XI, 245—250.

—20. 1840. List of Minerals for presentation to the (Madras Literary) Society, collected from various parts of the Nizam's territories, Ceded Districts, Kurnool, the Southern Mahratta Country Mysore, etc. *Mad. Journ. Lit. Sci.*, XII, 16—30.

—21. 1840. Present state of the Diamond Mines of Golconda. *Proc. Roy. Soc.*, IV, 280 (*Abstract*).

NATIONAL ARCHIVES OF INDIA

Newbold, T. J.—*contd.*

1294—22. 1840. Beryl Mine of Paddioor, and Geognostic position of this Gem in Coimbatoor, Southern India. *Edin. N. Phil. Journ.*, XXIX, 241—245 ; *Mad. Journ. Lit. Sci.*, XII, 171—175.

—23. 1842. Notes, principally Geological, on the Tract between Bellary and Bijapore. *Journ. A. S. B.*, XI, 929—941 ; *Western India*, 308—317.

—24. 1842. Notes, principally Geological, from Bijapore to Bellary, *viâ* Kannighirri. *Journ. A. S. B.*, XI, 941—957 ; *Western India*, 317—327.

—25. 1842. Geological specimens offered to the Asiatic Society of Bengal. *Journ. A. S. B.*, XI, 1131—1135.

—26. 1842. On Rock-Basins in the Bed of the Toombaddra, Southern India (lat. 15° to 16° N.). *Proc. Geol. Soc.*, III, 702—705 (Abst., *Bibl. Univ.*, N., S., XLV, 390—393, I. M.).

—27. 1842. On the Processes prevailing among the Hindus, and formerly among the Egyptians, of quarrying and polishing Granite ; its uses, etc., with a few Remarks on the tendency of this Rock in India to separate by concentric exfoliation. *Journ. R. As. Soc.*, VII, 113—128.

—28. 1842. On some Ancient Mounds of Scorious Ashes in Southern India. *Journ. R. As. Soc.*, VII, 129—136.

—29. 1842. Mineral Resources of Southern India. *Journ. R. As. Soc.*, VII, 150—240, including :—

No. 1, pp. 150—160, Copper Districts of Ceded Districts, South Mahratta country, and Nellore (Abst., *As. Journ.*, N. S., XXXVII, Pt. 2, 251—252).

No. 2, pp. 161—166, Magnesite Formations (Abst., *As. Journ.*, N. S., XXXVII, Pt. 2, 366—367).

No. 3. pp. 167—171, Chromate of Iron Mines, Salem District.

No. 4, pp. 203—211, Gold Tracts.

NATIONAL ARCHIVES OF INDIA

Newbold, T. J.—*contd.*

No. 5, pp. 212—214, Manganese Mines in the Kupputgode Range, Southern Mahratta Country.

No. 6, pp. 215—218, Lead Mines of Jungamanipenta, etc.

No. 7, pp. 219—225, Corundum, Ruby, and Garnet Localities; *Sel. Rec. Madras Govt.*, N. S., XXXIX, 148—154.

No. 8, pp. 226—240, Diamond Tracts.

1294—30. 1844. Note on a recent Fossil Fresh-water Deposit in Southern India, with a few remarks on the origin and age of the Kunker, and on the supposed decrease of Thermal Temperature in India. *Journ. A. S. B.*, XIII, 313—318; *Phil. Mag., Ser.*, 3, XXVI, 526—532 (Abst., *Bibl. Univ.*, N. S., LIX, 186—190, I. M.).

—31. 1844. Note on the Osseous Breccia and Deposit in the Caves of Billa Soorgum, Lat. 15° 25′, Long. 78° 15′, Southern India. *Journ. A. S. B.*, XIII, 610—611.

—32. 1844. Notes, chiefly Geological, across the Peninsula from Masulipatam to Goa, comprising remarks on the origin of the Regur and Laterite; occurrence of Manganese veins in the latter, and on certain traces of aqueous denudation on the surface of Southern India. *Journ. A. S. B.*, XIII, 984—1004; *Western India*, 66—83.

—33. 1844. [Note on Lignite from Beypoor, near Calicut]. *Journ. A. S. B*, XIII, *Proc.*, xxxiv.

—34. 1844. Discovery of Sulphate of Barytes or Heavy Spar on the East Ghauts. *Mad. Journ. Lit. Sci.*, XII. Pt. 1, 218—219.

—35. 1844. [Letter forwarding specimens of coal from Kotah on the Panhita River]. *Mad. Journ. Lit. Sci.*, XIII, Pt. 2, 180—181.

—36. 1844. [On the absence of Erratic Boulders in India]. *Mad. Journ. Lit. Sci.*, XIII, Pt. 2, 186—188.

NATIONAL ARCHIVES OF INDIA

Newbold, T. J.—*contd.*

1294—37. 1844. [Note on fossilized bones from the caves of Billa Soo gum, Kurnool district]. *Mad. Journ. Lit. Sci.*, XIII, Pt. 2, 192.

—38. 1844. Summary of the Geology of Southern India. *Journ. R. As. Soc.*, VIII, 138—171, 213—270, 315—318 ; IX, 1—42 ; XII, 78—96.

—39. 1844. On the Temperatures of the Springs, Wells and Rivers of India and Egypt, and of the Sea and Table-lands within the Tropics. *Phil. Trans.*, CXXXIV, 125—139 ; *Edin. N. Phil. Journ.*, XL, 99—115 (Abst., *Bibl., Univ.*, N. S., LI, 376—378, I. M.).

—40. 1845. On the Alpine Glacier, Iceberg, Diluvial and Wave Translation Theories ; with reference to the deposits of Southern India, its furrowed and striated Rocks, and Rock basins. *Journ. A. S. B.*, XIV, 217—246.

—41. 1845. Notes, principally Geological, on the South Mahratta Country.—Falls of Gokauk—Classification of Rocks. *Journ. A. S. B.*, XIV, 268—306 ; *Western* India, 346—378.

—42. 1845. Notes, principally Geological, across the Peninsula of Southern India from Kistapatam, Lat. 14° 17′, at the Embouchure of the Coileyroo River, on the Eastern Coast, comprising a visit to the Falls of Gairsuppa. *Journ. A. S. B.*, XIV, 398—426.

—43. 1845. Notes, chiefly Geological, across the Peninsula of Southern India, from Madras, Lat. N. 13° 5′ to Goa, Lat. N. 15° 30′ by the Baulpilly Pass and Ruins of Bijanugger. *Journ. A. S. B.*, XIV, 497—521.

—44. 1845. Notes, chiefly Geological, across the Peninsula from Mangalore, in Lat. N. 12° 49′, by the Bisly Pass to Madras, Lat. N. 13° 4′. *Journ. A. S. B.*, XIV, 641—659.

NATIONAL ARCHIVES OF INDIA

Newbold, T. J.—*contd.*

1294—45. 1845. Notes, chiefly Geological, across South India from Pondicherry, Lat. N. 11° 56′, to Beypoor, in Lat. N. 11° 12′, through the great Gap of Palghautcherry. *Journ. A. S. B.*, XIV, 759—782.

—46. 1846. Notes chiefly Geological, on the Coast of Coromandel, from the Pennaur to Pondicherry. *Journ. A. S. B.*, XV, 204—213.

—47. 1846. Notes, chiefly Geological, on the Western Coast of South India. *Journ. A. S. B.* XV, 224—231.

—48. 1846. Notes, chiefly Geological, from Seringapatam, by the Hegulla Pass, to Cannanore. *Journ. A. S. B.*, XV, 315—322.

—49. 1846. Notes, chiefly Geological, from Koompta on the Western Coast (S. India), by the Devamunni and Nundi Cunnama Passes, Easterly to Cumbum, and thence Southerly to Chittoor ; comprising a notice of the Diamond and Lead excavations of Buswapur. *Journ. A. S. B.*, XV, 380—396.

—50. 1846. On the Kunker, a Tufaceous Deposit in India. *Edin. N. Phil. Journ.*, XL, 205—206 (Abst., *Amer. Journ. Sci.*, Ser. 1, XLIX, 398).

—51. 1847. Notes, chiefly Geological, from Gooty to Hyderabad, South India, comprising a brief notice of the old Diamond Pits at Dhone. *Journ. A. S. B.*, XVI, 477—486.

—52. 1848. On the Thermal Springs of Calwa and Mahanandi in the Kurnool Province. *Mad. Journ. Lit. Sci.*, XV, 160—162.

—53. 1850. List of Rock Specimens from Arabia, Persia and Babylonia, presented to the Museum of Economic Geology. *Mad. Journ. Lit. Sci.*, XVI, 449—452.

—54. 1850. A Descriptive list of Rock-Specimens from Maskat in Arabia, Persia, and Babylonia, presented to the Bombay Branch, R. Asiatic Society. *Journ. Bo. As. Soc.*, III, Pt. 2, 26—32.

NATIONAL ARCHIVES OF INDIA

Newbold, T. J.—*concld.*

————, *see* **Piddington, H., 1405—29.**

————, *see* **Rice, L., 1477.**

Newton, R. Bullen

1295—1. **1896.** On the Occurrence of an Indian Jurassic Shell, *Parallelodon Egertonianus*, in Somaliland, Eastern Africa. *Geol. Mag.*, Dec. 4, III, 294—296.

—2. **1900.** On Marine Triassic Lamellibranchs discovered in the Malay Peninsula. *Proc. Malac. Soc. Lond.*, IV, 130—135 (Abst., *Neu., Jahrb. f. Min.*, 1901, I, *Ref.* 454—455, C. Diener).

—3. **1901.** Notes on Literature bearing upon the Geology of the Malay Peninsula ; with an account of a Neolithic Implement from that Country. *Geol. Mag.*, Dec. 4, VIII, 128—134.

—4. **1901.** On Malay Peninsula Limestone. *Geol. Mag.*, Dec. 4, VIII, 189—190.

—5. **1905.** Note on the Age and Locality of the *Estheriella*-Shales from the Malay Peninsula. *Geol. Mag.*, Dec. 5, II, 49 (Abst., *Geol. Centralbl.*, VI, 562, H. A. A.).

—6. **1905.** An Account of some Marine Fossils contained in Limestone Nodules found on the Mekran Beach, off the Ormara Headland, Baluchistan. *Geol. Mag.*, Dec. 5, II, 293—303 (Abst., *Neu. Juhrb. f. Min.*, 1906, I, *Ref.* 117—118, Noetling ; *Geol. Centralbl.*, VII, 253—254, H. A. A.).

—7. **1905.** Note on some Post-Tertiary Mollusca from Ceylon. *Geol. Mag.*, Dec., 5, II, 509—510 (Abst., *Spolia. Zeyl.*, III, 199—200, A. K. C.).

—8. **1906.** Notice of some Fossils from Singapore discovered by John B. Scrivenor, F.G.S. *Geol. Mag.*, Dec. 5, III, 487—496.

NATIONAL ARCHIVES OF INDIA

Newton R. Bullen, *and* Crick, G. C.

1296 . 1908. On some Jurassic Mollusca from Arabia. *Ann. Mag. Nat. Hist.*, Ser. 8, II, 1—29.

Newton, R. Bullen, *and* Smith, E. A.

1297 . 1912. On the survival of a Miocene Oyster in Recent Seas. *Rec. G. S. I.*, XLII, 1—15.

Nicaise, M.

1298 . 1851. Notices géologiques sur l'île Pyrame, sur les environs de Mascate ét l'île d' Ormuz. *Bull. Soc. Géol. France*, Ser. 2, VIII, 278—280.

Nicholls, G. J.

1299 . 1879. Note on the Joga neighbourhood and old mines on the Nerbudda. *Rec. G. S. I.*, XII, 173—175.

Nicholls, W. T., *see* **Carter, H. J., 288—23.**

Nicholson, B. A. R.

1300 . 1841. The Island of Perim. *Journ. Bo. As. Soc.*, I, 18—25.

Nicholson, E.

1301—1. 1872. The Earth Salts of Bellary. *Mad. Mon. Journ. Med. Sci.*, VI, 1—9.

—2. 1872. The Analysis of Waters in India. *Chem. News*, XXVI, 64—65, 80—81, 171—172, 185—186.

—3. 1875. Report on Experiments on Cements at Bangalore. *Prof. Papers Ind. Eng.*, Ser. 2, IV, 61—93, 376—401.

Nicholson, F. A.

1302 . 1887. Manual of the Coimbatore District in the Presidency of Madras. 8° 644 pp., Madras (Chap. II contains a note on the Geology, by R. B. Foote).

Nicolson W., *see* **Sheffield, W., 1617.**

Nicolls, W. T.

1303—1. 1854. Memorandum on Fossil Sites near Saugor, in Central India. *Journ. Bo. As. Soc.*, V, 671 (*Abstract*).

NATIONAL ARCHIVES OF INDIA

Nicolls, W. T.—*contd.*

1303—2. 1857. Memorandum to accompany a Section and Ground-Plan of a Fossil Palm-tree discovered at Saugor. *Journ. Bo. As. Soc.*, V, 614—618.

Niedzwiedzki, J.

1304 . 1871. Gesteine von Aden in Arabien. *Sitz. k. Akad. Wiss.*, LXIII, Abth. 1, 549—560 (Abst., *Anz. k. Akad. Wiss.*, VIII, 58).

Nielly, A.

1305—1. 1872. Essay on the Geology of Kunkur. *Prof. Papers Ind. Eng., Ser.* 2, I, 598—603.

—2. 1873. Report on Experiments made on Kunkur Mortars and Concrete. *Prof. Papers Ind. Eng.*, Ser. 2, II, 115—140.

—3. 1877. Kankar Limes and Cements, Bari Doab Canal. *Prof. Papers Ind. Eng.*, Ser. 2, VI, 378—389.

Nielly, A., Higham, T., and Brownlow, H. A.

1306 . 1877. Extracts from Reports and Letters on Kankar Limes and Cements on the Bari Doab Canal. *Prof. Papers Ind. Eng.*, Ser. 2, VI, 127—168.

Nightingale, E.

1307 . 1907. Tin Mining in Ulu Selangor, Federated Malay States. *Trans. Inst. Min. Met.*, XVII, 159—169.

Nikitin, S.

1308 . 1889. Einige Bemerkungen über die Jura-Ablagerungen des Himalaya und Mittelasiens. *Neu. Jahrb. f. Min.*, II, 116—145 (Review, *Geol. Mag.*, Dec. 3, VII, 40—42).

Nimmo, J.

1309 . 1847. Note on Fossil Graptolithus. *Cal. Journ. Nat. Hist.*, VII, 358—359.

Nock, J.

1310 . 1843. Report on the road from Sinde, from Subzul to Shikarpoor. *Journ. A. S. B.*, XII, 59—62.

NATIONAL ARCHIVES OF INDIA

Noetling, F.

1311—1. **1889.** Report on the Oil-Fields of Twingoung and Beme, Burma. *Rec. G. S. I.*, XXII, 75—136 ; Fol., 30+xxxxv pp., Rangoon (Abst., *Journ. I. S. Inst.*, XXXIV, 352 ; *Proc. Inst. C. Eng.*, XCVIII, 469—472 ; *Trans. N. E. Inst. Min. Eng.*, XLI, 365—366, M. W. B. ; *Journ. Soc. Chem. Ind.*, VIII, 660 ; *Peterm. Mitth.*, XXXV, *Litt.* 190, Supan).

—2. **1890.** Notes on the Sonapet Gold-field. *Rec. G. S. I.*, XXIII, 73—78 (Abst., *Peterm. Mitth.*, XXXVII, *Litt.* 39—40, Supan ; *Ann. Géol. Univ.*, VII. 781—782, G. Ramond).

—3. **1890.** Field notes from the Shan Hills (Upper Burma). *Rec. G. S. I.*, XXIII, 78—79 (Abst., *Geol Mag.*, Dec. 3, IX, 521).

—4. **1891.** Report on the Coal-fields in the Northern Shan States. *Rec. G. S. I.*, XXIV, 99—119 (Abst., *Journ. I. S. Inst.*, XXXIX, 291 ; *Journ. Soc. Arts.*, XXXIX, 588 ; *Min. Journ.*, LXI, 599 ; *Peterm. Mitth.*, XXXVIII, *Litt.* 101—102, Supan ; *Ann. Géol. Univ.*, VIII, 550, G. Ramond ; *Trans. N. E. Inst. Min. Eng.*, XLII, 395—396, G. W. B.).

—5. **1891.** Note on the reported Namseka Ruby mine in the Mainglôn State. *Rec. G. S. I.*, XXIV, 119—125 (Abst., *Neu. Jahrb. f. Min.*, 1894, II, *Ref.* 404, M. Bauer).

—6. **1891.** Note on the Tourmaline (Schorl) Mines in the Mainglôn State. *Rec. G. S. I.*, XXIV, 125—128 (Abst., *Neu. Jahrb. f. Min.*, 1894, II, *Ref.* 409, M. Bauer).

—7. **1891.** Note on a Salt spring near Bawgyo, Thibaw State. *Rec. G. S. I.*, XXIV, 129—131.

—8. **1892.** Preliminary Report on the economic resources of the Amber and Jade mines area in Upper Burma. *Rec. G. S. I.*, XXV, 130—135 (Abst., *Nature*, XLVI, 550 ; *Peterm. Mitth.*, XL, *Litt.* 41, Liebetrau ; *Ann. Géol. Univ.*, IX, 580—581, G. Ramond).

NATIONAL ARCHIVES OF INDIA

Noetling, F.—*contd.*

1311—9. **1892.** Report on the Petroleum Industry in Upper Burma, from the end of the last century up to the beginning of 1891. Fol., 73 pp. with Appendices, Rangoon (Abst., *Journ. Soc. Chem. Ind.*, XI, 950).

—10. **1893.** Note on the occurrence of Jadeite in Upper Burma. *Rec. G. S. I.*, XXVI, 26—31 (Abst., *Min. Journ.*, LXIII, 248; *Nat. Sci.*, II, 246—247; *Neu. Jahrb. f. Min.*, 1894, II, *Ref.* 407—408, M. Bauer; *Peterm. Mitth.*, XXXIX, *Litt.* 103, Supan).

—11. **1893.** On the occurrence of Burmite, a new Fossil Resin from Upper Burma. *Rec. G. S. I.*, XXVI, 31—40 (Abst., *Min. Journ.*, LXIII, 248; *Nature*, XLVIII, 13; *Neu. Jahrb. f. Min.*, 1894, II, *Ref.* 410—411, M. Bauer; *Peterm. Mitth.*, XXXIX, *Litt.*, 103, Supan).

—12. **1893.** Carboniferous Fossils from Tenasserim. *Rec. G. S. I.*, XXVI, 96—100 (Abst., *Neu. Jahrb. f. Min.*, 1897, I, *Ref.* 493—494, K. Futterer).

—13. **1893.** [Lead deposits of Burma]. *Journ. Soc. Chem. Ind.*, XII, 1075.

—14. **1893.** Note on the Upper Chindwin Coal-Fields. Fol., 18 pp., Rangoon.

—15. **1894.** On the Cambrian Formation of the Eastern Salt Range. *Rec. G. S. I.*, XXVII, 71—86 (Abst., *Amer. Geol.*, XIV, 398—399, J. M. C.; *Neu. Jahrb. f. Min.*, 1895, II, *Ref.* 299, Kayser; *Peterm. Mitth.*, XLI, *Litt.* 107, Supan; *Verh. k. k. Geol. Reichsanst.*, 1894, 417—418, K. Redlich).

—16. **1894.** On the Occurrence of Chipped (?) Fints in the Upper Miocene of Burma. *Rec. G. S. I.*, XXVII, 101—103 (Abst., *Geol. Mag.*, Dec. 4, I, 525—527, T. R. Jones; *Neu. Jahrb. f. Min.*, 1899, II, *Ref.* 139, M. Schlosser).

—17. **1894.** Note on the occurrence of *Velates schmideliana*, Chemn., and *Provelates grandis*, Sow. sp. in the Tertiary Formation of India and Burma. *Rec.* G. S. I., XXVII, 103—108 (Abst., *Revue Pal.*, I, 61—62; *Neu. Jahrb. f. Min.*, 1895, II, *Ref.* 485, v. Koenen).

NATIONAL ARCHIVES OF INDIA

Noetling, F.—*contd.*

1311—18. 1894. Note on the Geology of Wuntho in Upper Burma. *Rec. G. S. I.*, XXVII, 115—124 (Abst., *Peterm. Mitth.*, XLI, *Litt.* 106, Supan).

—19. 1894. Preliminary notice on the Echinoids from the Upper Cretaceous System of Baluchistan. *Rec. G. S. I.*, XXVII, 124—129.

—20. 1895. The Fauna of the Kellaways of Mazār Drik (Baluchistan). *Pal. Indica*, Ser. XVI, I, Pt. 1, 1—22 (Abst., *Ann. Mag. Nat. Hist.*, Ser. 7, X, 340 ; *Neu. Jahrb. f. Min.*, 1899, II, *Ref.* 301—302, V. Uhlig).

—21. 1895. On some Marine Fossils from the Miocene of Burma. *Mem. G. S. I.*, XXVII, 1—45 + i—v (Abst., *Neu. Jahrb. f. Min.*, 1898, I, *Ref.* 395, v. Koenen).

—22. 1895. The Development and Sub-division of the Tertiary system in Burma. *Rec. G. S. I.*, XXVIII, 59—86.

—23. 1896. Ueber das Vorkommen von Jadeit in Ober-Birma. *Neu. Jahrb. f. Min.*, I, 1—17 (Abst., *Zeits. f. Kryst.*, XXX, 408—410, H. Traube).

—24. 1896. Beiträge zur Kenntniss der glacialen Schichten permischen Alters in der Salt-Range, Punjab (Indien). *Neu. Jahrb. f. Min.*, II, 61—86.

—25. 1897. Fauna of Baluchistan and N.-W. Frontier of India.—The Fauna of the (Neoomian) Belemnite Beds. *Pal. Indica*, Ser. XVI, I, Pt. 2, 1—5, (Abst., *Revue Pal.*, II, 118 ; *Neu. Jahrb. f. Min.*, 1898, II, *Ref.* 297, V. Uhlig).

—26. 1897. The Fauna of the Upper Cretaceous (Maestrichtian) Beds of the Mari Hills. *Pal. Indica*, Ser. XVI, I, Pt. 3, 1—79 (Abst., *Ann. Mag. Nat. Hist., Ser.* 7, X, 71—73 ; *Nature*, LVIII, 257 ; *Revue Pal.*, II, 103—105, 125—126 ; *Neu. Jahrb. f. Min.*, 1899, II, *Ref.* 137—138, J. Böhm).

—27. 1897. The occurrence of Petroleum in Burma and its technical exploitation. *Mem. G. S. I.*, XXVII, 47—272 (Review, *Nature*, LVIII, 20—21, H. B. W. ; *Journ. I. S. Inst.*, LIII, 396—398 ; Abst., *Eng. Min. Journ.*, LXV, 555 ; *Amer. Journ. Sci.*, Ser. 4, VI, 102 ; *Journ. Soc. Chem. Ind.*, XVII, 512).

NATIONAL ARCHIVES OF INDIA

Noetling, F.—*contd.*

1311—28. **1897.** Note on a worn femur of *Hippopotamus irravadicus*, Caut. and Falc. from the Lower Pliocene of Burma. *Rec. G. S. I.*, XXX, 242—249.

—29. **1897.** On the Discovery of Chipped Flint-flakes in the Pliocene of Burma. *Nat. Sci.*, X, 233—241.

—30. **1897.** [On Gold-mining in Burma]. *Trans. N. E. Inst. Min. Eng.*, XLVII, 23—24.

—31. **1897.** Ueber die Beziehungen zwischen "Productus limestone" und "Boulder-bed" in der Salt-Range im Pandschab. *Neu. Jahrb. f. Min.*, II, 212—213.

—32. **1899.** Notes on the Morphology of the Pelecypoda. *Pal. Indica*, N. S., I, Pt. 2, 1—57 (Review, *Ann. Mag. Nat. Hist.*, Ser. 7, X, 73—75).

—33. **1900.** Notes on the Relationship between the Productus limestone and the Ceratite formation of the Salt Range. *Gen. Rep. G. S. I.*, 1899—1900, 176—183 (Abst. *Geol. Centralbl.*, I, 211, A. v. Krafft).

—34. **1900.** Ueber die Auffindung von *Otoceras* sp. in der Salt Range. *Neu. Jahrb. f. Min.*, I, 139—141 (Abst., *Geol. Centralbl.*, I, 279, H, Lotz).

—35. **1900.** Die Otoceras beds in Indien. *Centralbl.*, I, 216—217 (Abst., *Geol. Centralbl.*, I, 280, H. Lotz).

—36. **1900.** The Miocene of Burma. *Verh. k. Akad. Wetensch. Amst.*, Sect. 2, VII, No. 2, 1—131.

—37. **1901.** Fauna of the Miocene beds of Burma. *Pal. Indica*, N. S. I., Pt. 3, 1—378 (Abst., *Ann. Mag. Nat. Hist.*, Ser., 7, X, 418—420; *Nature*, LXV, 37; *Revue Pal.*, X, 191—192; *Neu. Jahrb. f. Min.*, 1902, II, *Ref.* 122—125, J. Noetling; *Geol. Centralbl.*, I, 22—24, F. J. P. van Calker; *Ibid.*, II, 20—23, A. v. Krafft).

—38. **1901.** Beiträge zur Geologie der Salt Range, insbesondere der permischen und triassischen Ablagerungen. *Neu. Jahrb. f. Min.*, Beilage Bd. XIV, 369—471 (Abst., *Geol. Centralbl.*, II, 656—660, A. Klautzsch).

NATIONAL ARCHIVES OF INDIA

Noetling, F.—*contd.*

1311—39. **1901.** Ueber die Ceratiten-Schichten der Salt Range. *Centralbl.*, II, 109—111 (Abst., *Geol. Centralbl.*, III, 607, H. Lotz).

—40. **1902.** Die Dyas in Indien. *Leth. Geogn.*, —Palaeozoica, II, 639—658.

—41. **1903.** Uebergang zwischen Kreide und Eocän in Baluchistan. *Centralbl.*, IV, 514—523 (Abst., *Geol. Centralbl.*, VII, 483, A. Klautzsch).

—42. **1903.** Ueber die Sculptur des *Productus Abichi* Waagen. *Centralbl.*, IV., 529—531.

—43. **1904.** Ueber das Alter der Otoceras-Schichten von Rimkin Paiar (Painkhanda) im Himalaya. *Neu. Jahrb. f. Min.*, Beilage Bd., XVIII, 528—555 (Abst., *Geol. Centralbl.*, IX, 280, G. Fliegel).

—44. **1904.** Ueber *Medlicottia* Waag. und *Episageceras* n. g. aus den permischen und triadischen Schichten Indiens. *Neu. Jahrb. f. Min.*, Beilage Bd., XIX, 334—376 (Abst., *Revue Pal.*, IX, 29—30; *Geol. Centralbl.*, IX, 284, G. Fliegel).

—45. **1904.** Ueber das Vorkommen von Gondwana-Schichten in Kashmir. *Centralbl.*, V, 129—135 (Abst., *Geol. Centralbl.*, VII, 259, G. Fliegel).

—46. **1904.** Ueber die Verbreitung der Juraformation am Nordhange des Himalayagebirges. *Centralbl.*, V, 155.

—47. **1904.** Ueber das Verhältniss zwischen Productuskalk und Ceratiten-schichten in der Salt Range (Indien). *Centralbl.*, V, 321—327 (Abst., *Geol. Centralbl.*, VII, 259—260, G. Fliegel).

—48. **1905.** Die asiatische Trias. *Leth. Geogn.*,—Das Mesozoicum, I, 107—221 (Abst., *Neu. Jahrb. f. Min.*, 1906, I, *Ref.* 410—416, C. Diener).

NATIONAL ARCHIVES OF INDIA

Noetling, F.—*concld.*

1311—49. **1905.** Vorläufige Mitteilung über die Entwickelung und die Gliederung der Tertiär formation im westlichen Sind (Indien). *Centralbl.*, VI, 129—137, 161—172 (Abst., *Geol. Centralbl.*, VII, 416—417, R. Bärtting).

—50. **1905.** Untersuchungen über die Familie *Lyttoniidæ* Waag. emend. Noetling. *Palaeontographica*, LI, 129—153 (Abst., *Amer. Journ. Sci.*, Ser. 4, XXII, 350—351 ; *Geol. Centralbl.*, VII, 665, J. Böhm).

—51. **1905.** Untersuchungen über den Bau der Lobenlinie von *Pseudosageceras multilobatum* Noetling. *Palaeontographica*, LI, 155—260 (Abst., *Geol. Centralbl.*, VII, 666—667, J. Böhm).

—52. **1905.** Ueber die Ontogenie von *Indoceras baluchistanense* Noetling. *Neu. Jahrb. f. Min.*, I, 1—14 (Abst., *Geol. Centralbl.*, VII, 665—666, J. Böhm).

—53. **1906.** Die Entwickelung von *Indoceras baluchistanense* Noetling. Ein Beitrag zur Ontogenie der Ammoniten. *Geol. u. Pal. Abhandl.*, N. S., VIII, 1—96 (Abst., *Amer. Journ., Sci.*, Ser., 4, XXII, 349—350, C. S. ; *Geol. Centralbl.*, IX, 328—329, J. Böhm).

—54. **1908.** Die Entwicklung der Trias in Asien. *Leth. Geogn.*—Das Mesozoicum, I, 534—540.

———, *see* **Koken, E., 1007**—1, —2.

———, *see* **Theobald, W., 1763**—35.

Novarese, V.

1312—1. **1911.** Le osservazioni glaciologiche della spedizione di S. A. R. il Duca degli Abruzzi nel Karakoram. *Boll. Soc. Geol. Ital.*, XXX, 931—944.

—2. **1912.** I risultati scientifici della spedizione di S. A. R. il Principe Luigi Amadeo di Savoia nel Karakoram. *Boll. Soc. Geogr. Ital.*, Ser. 5, I, 355—365.

NATIONAL ARCHIVES OF INDIA

Nunn, H.

1313 . 1904. Industrial Monograph on Gold and Silverware of the Central Provinces. Fol., Allahabad.

O

Oakes, R. E.

1314—1. 1869. [Note on flint Implements from Jubbulpore]. *Proc. A. S. B.*, 51—53.

—2. 1869. Description of country surveyed in District Seonee, Season 1867—68. *Sel. Rec. Govt. India*, LXXIV, 79—84.

Oates, R.

1315 . 1895. The Copper and Tin Deposits of Chota-Nagpore, Bengal, India. *Trans. Inst. Min. Eng.*, IX, 427—451; *Min. Journ.*, LXV, 767, 799, 823.

Obbard, J.

1316—1. 1860. On the Translation of Waves of Water with relation to the great flood of the Indus in 1858. *Journ. A. S. B.*, XXIX, 266—274.

—2. 1864. Memorandum on the past and present condition of the River Hooghly, and upon the probable alteration in the channels of the Hooghly, resulting from the diversion of the whole or a portion of the waters of the Damoodha into the Roopnarain. *Sel. Rec. Govt. India.*, XLV, 21—42.

O'Brien, G.

1317 . 1884. On the Gold fields of the Wynaad, in the Presidency of Madras, India. *Min. Journ.*, LIV, 497.

Obruchef, B. A.

1318 . 1895. Orography of Central Asia. *Isvest. k. k. Geogr. Ges. St. Petersb.*, XXXI, 253—344.

NATIONAL ARCHIVES OF INDIA

Obrutschew, W.

1319—1. 1889. Die Fundorte des Graphits und des Turkis im Gebirge Kara-Tube unweit Samarkand, in Turkestan. *Verh. russ.—k. Min. Ges.*, Ser. 2, XXV, 59—66.

—2. 1895. Ueber die Verwitterungs- und Deflationsprocesse in Central-Asien. *Verh. russ.—k. Min. Ges.*, Ser. 2, XXXIII, 229—272.

O'Donel, J. H.

1320 . 1869. Description of country surveyed in District Gowalpara, Season 1867—68. *Sel. Rec. Govt. India*, LXXIV, 108—116.

Oestreich, K.

1321—1. 1906. Die Täler des nordwestlichen Himalaya. *Peterm. Mitth.*, Ergbd., XXXIII, No. 155, 1—106 (Abst., *Zeits. Ges. f. Erdk.*, XLIII, 54—57, Max Friederichsen).

—2. 1907. Betrachtungen über die Hochgebirgsnatur des Himalaya. *Verh. 16 Deutsch. Geograph. z. Nürnberg*, 44—50 (Abst., *Geol. Centralbl.*, XII, 361, A. Klautzsch).

—3. 1911. Der Tschochogletscher in Baltistan. *Zeits. f. Gletscherk.*, VI, 1—30 (Abst., *Peterm. Mitth.*, LVIII, Pt. 2, 291—292, Hess).

—4. 1914. Himalaya-Studien. *Zeits. Ges. f. Erdk.*, XLIX, 417—451.

Oldfield, J. N.

1322 . 1844. [Note on Iron Ore from Heerapur, Bundelkhand]. *Journ. A. S. B.*, XIII, *Proc.*, vii.

Oldham, C. Æ., *see* **Boswell, J. A. C., 174.**

Oldham, C. F.

1323—1. 1874. Notes on the lost river of the Indian Desert. *Cal. Review*, LIX, 1—27.

—2. 1893. The Saraswati and the Lost River of the Indian Desert. *Journ. R. As. Soc.*, N. S., XXV, 49—76.

NATIONAL ARCHIVES OF INDIA

Oldham, C. F.—*contd.*

1323—3. 1895. Natural History Notes from H. M. Indian Marine Survey Steamer "Investigator" (i) The Topography of the Arabian Sea in the neighbourhood of the Laccadives. (ii) The Physical Features of some of the Laccadive Islands, with suggestions as to their Mode of Formation. *Journ. A. S. B.*, LXIV, Pt. 2, 1—14.

Oldham, R. D.

1324—1. 1879. On the Modulus of Cohesion of Ice, and its bearing on the Theory of Glacial Erosion of Lake-Basins. *Phil. Mag.*, Ser. 5, VII, 240—247.

—2. 1880. Note on the Naini Tal Landship (18th September 1880). *Rec. G. S. I.*, XIII, 277—282.

—3. 1883. Report on the Geology of parts of Manipur and the Naga Hills. *Mem. G. S. I.*, XIX, 217—242 (Abst., *Journ. I. S. Inst.*, XXII, 849—850).

—4. 1883. Notes on a Traverse between Almora and Mussooree, made in October 1882. *Rec. G. S. I.*, XVI, 162—164.

—5. 1883. Note on the Geology of Jaunsar and the Lower Himalayas. *Rec. G. S. I.*, XVI, 193—198.

—6. 1884. Note on the Earthquake of 31st December 1881. *Rec. G. S. I.*, XVII, 47—53.

—7. 1884. On the re-discovery of certain localities for fossils in the Siwalik beds. *Rec. G. S. I.*, XVII, 78—79.

—8. 1884. Note on the Geology of part of the Gangasulan Pargana of British Garhwal. *Rec. G. S. I.*, XVII, 161—167 (Abst., *Peterm. Mitth.*, XXXI, 72, Supan).

—9. 1884. Note on the Smooth-water Anchorages of the Travancore Coast. *Rec. G. S. I.*, XVII, 190—192.

—10. 1884. Some Rough Notes for the Construction of a Chapter in the History of the Earth. *Journ. A. S. B.*, LIII, Pt. 2, 187—198 (Abst., *Proc. A. S. B.*, 1884, 145—147).

NATIONAL ARCHIVES OF INDIA

Oldham, R. D.—*contd.*

1324—11. 1884. [On Fossil Bones from the Jumna Alluvium]. *Proc. A. S. B.*, 159—161.

—12. 1885. Note on the probable age of the Mandhali Series in the Lower Himalaya. *Rec. G. S. I.*, XVIII, 77—78.

—13. 1885. Memorandum on the probability of obtaining water by means of Artesian Wells in the plains of Upper India. *Rec. G. S. I.*, XVIII, 110—112 (Abst., *Peterm. Mitth.*, XXXI, 322, Supan).

—14. 1885. Notes on the Geology of the Andaman Islands. *Rec. G. S. I.*, XVIII, 135—145.

—15. 1886. Memorandum on the Correlation of the Indian and Australian coal-bearing beds. *Rec. G. S. I.*, XIX, 39—47 (Abst., *Verh. k.k. Geol. Reichsanst.*, 1887, 158—160, M. Neumayr).

—16. 1886. Memorandum on the prospects of finding Coal in Western Rajputana. *Rec. G. S. I.*, XIX, 122—127.

—17. 1886. A note on the Olive Group of the Salt Range. *Rec. G. S. I.*, XIX, 127—131 (Abst., *Peterm. Mitth.*, XXXII, *Litt.* 127, Supan).

—18. 1886. Preliminary note on the Geology of Northern Jesalmer. *Rec. G. S. I.*, XIX, 157—160 (Abst., *Peterm. Mitth.*, XXXII, *Litt.* 127, Supan).

—19. 1886. On probable Changes in the Geography of the Punjab and its Rivers; an Historico-Geographical Study. *Journ. A. S. B.*, LV, Pt. 2, 322—343 (Abst., *Proc. A. S. B.*, 1886, 171—174).

—20. 1886. Essays in Speculative Geology. 1.—On Homotaxis and Contemporaneity. *Geol. Mag.*, Dec. 3, III, 293—300: 2. On Probable Changes in Latitude. *Ibid.* 300—308.

—21. 1887. Preliminary sketch of the Geology of Simla and Jutogh. *Rec. G. S. I.*, XX, 143—153 (Abst., *Peterm. Mitth.* XXXIV, *Litt.* 74, Supan; *Ann. Géol. Univ.*, VI, 580—581, E. de Margerie).

NATIONAL ARCHIVES OF INDIA

Oldham, R. D.—*contd.*

1324—22. 1887. Notes on some points in Himalayan Geology. *Rec. G. S. I.*, XX, 155—161.

—23. 1887. Note on the Facetted Pebbles from the Olive Group of the Salt Range, Punjab, India. *Geol. Mag.*, Dec. 3, IV, 32—35 (Abst., *Neu. Jahrb. f. Min.*, 1889, II, *Ref.* 123, H. Behrens).

—24. 1887. The Gneissose Rocks of the Himalaya. *Geol. Mag.*, Dec. 3, IV, 461—465.

—25. 1888. Memorandum on the results of an Exploration of Jessalmer with a view to the discovery of Coal. *Rec. G. S. I.*, XXI, 30—33.

—26. 1888. The Sequence and Correlation of the Pre-Tertiary Sedimentary formations of the Simla Region of the Lower Himalayas. *Rec. G. S. I.*, XXI, 130—143 (Abst., *Peterm. Mitth.*, XXXV, *Litt.* 51, Supan; *Ann. Géol. Univ.*, VI, 581, E. de Margerie).

—27. 1888. Some Notes on the Geology of the North-West Himalayas. *Rec. G. S. I.*, XXI, 149—159 (Abst., *Ann. Géol. Univ.*, VI, 588, E. de M.).

—28. 1888. Note on Blown-Sand Rock Sculpture. *Rec. G. S. I.*, XXI, 159—160.

—29. 1888. On the Law that governs the Action of Flowing Streams. *Quart. Journ. Geol. Soc.* XLIV, 733—739 (Abst., *Geol. Mag.*, Dec. 3, V, 94).

—29*a*. 1888. A Bibliography of Indian Geology: being a list of books and papers . . . . published previous to the end of A.D. 1887. 8°, xiii + 144 pp., Calcutta.

—30. 1889. On Flexible sandstone or Itacolumite, with special reference to its nature and mode of occurrence in India, and the cause of its Flexibility. *Rec. G. S. I.*, XXII, 51—56 (Abst., *Ann. Géol. Univ.*, VII, 779—780, G. Ramond).

NATIONAL ARCHIVES OF INDIA

Oldham, R. D.—*contd.*

1324—31. **1890.** Special report on the most favourable sites for Petroleum Explorations in the Harnai District, Baluchistan. *Rec. G. S. I.*, XXIII, 57—59.

—32. **1890.** Report on the Geology and Economic Resources of the Country adjoining the Sind-Pishin Railway between Sharigh and Spintangi, and of the Country between it and Khattan. *Rec. G. S. I.*, XXIII, 95—110 (Abst., *Journ. I. S. Inst.*, XXXVII. 688, 702; *Neu. Jahrb. f. Min.*, 1894, II, *Ref.* 295—296, K. Futterer).

—33. **1890.** The Deep Boring at Lucknow. *Rec. G. S. I.*, XXIII, 261—266 (Abst., *Proc. Inst., C. Eng.*, CIV, 380, B. H. B.; *Ann. Géol. Univ.*, VII, 777—778, G. Ramond).

—34. **1890.** Account of an Experimental Investigation of the Law that limits the Action of Flowing Streams. *Quart. Journ. Geol. Soc.*, XLVII, *Proc.* 6—7; *Geol. Mag.*, Dec. 3, VIII, 43; *Phil. Mag.*, Ser. 5, XXXI, 68—69.

—35. **1891.** Preliminary Report on the Oil locality near Moghul Kot, in the Sherani country, Suleiman Hills. *Rec. G. S. I.*, XXIV, 83—84.

—36. **1891.** Essays in Theoretical Geology. 3:—The Age and Origin of the Himalayas, with Especial Reference to the Rev. O. Fisher's Theory of Mountain Formation. *Geol. Mag.*, Dec. 3, VIII, 8—18, 70—76 (Abst., *Neu. Jahrb. f. Min.*, 1892, II, *Ref.* 280, H. Behrens; *Peterm. Mitth.*, XXXVIII, *Litt.*, 160, K. Keilhack).

—37. **1892.** Report on the Geology of Thal Chotiali and part of the Mari country. *Rec. G. S. I.*, XXV, 18—29 (Abst., *Peterm. Mitth.*, XL, *Litt.* 42, Liebetrau; *Ann. Géol. Univ.*, IX, 569—570, G. Ramond).

—38. **1892.** Subrecent and Recent Deposits of the valley plains of Quetta, Pishin and the Dasht-i-Bedaolat; with appendices on the Chamans of Quetta; and the Artesian water supply of Quetta and Pishin. *Rec. G. S. I.*, XXV, 36—53 (Abst., *Ann. Géol. Univ.*, IX, 570—571, G. Ramond).

NATIONAL ARCHIVES OF INDIA

Oldham, R. D.—*contd.*

1324—39. **1893.** Note on the Alluvial deposits and Subterranean water-supply of Rangoon. *Rec. G. S. I.*, XXVI, 64—70.

—40. **1893.** On a deep Boring at Chandernagore. *Rec. G. S. I.*, XXVI, 100—102.

—41. **1893.** A Manual of the Geology of India, chiefly compiled from the Observations of the Geological Survey. By H. B. Medlicott and W. T. Blanford. 2nd Edition. 8°, Calcutta (Review, *Geol. Mag.*, Dec. 4, I, 375—377, T. R. J.; *Nat. Sci.*, V, 456—458, J. W. G.; *Nature*, L, 52; *Neu. Jahrb. f. Min.*, 1895, II, *Ref.* 291, Dames; *Peterm. Mitth.*, XLI, *Litt.* 42—43, Supan; *Ann. Géol. Univ.*, X, 595—654, G. Ramond).

—42. **1893.** Note to accompany the Exhibition of a Geological Map of India. *Rep. Brit. Assoc.*, LXIII, 756—757.

—43. **1893.** The River valleys of the Himalayas. *Journ. Manch. Geogr. Soc.*, IX, 112—125 (Abst., *Scot. Geogr. Mag.*, X, 430—431).

—44. **1893.** Rock Basins in the Himalayas. *Nature*, XLIX, 77, 197, 292.

—45. **1894.** A comparison of the Permian Breccias of the Midlands with the Upper Carboniferous Glacial Deposits of India and Australia. *Quart. Journ. Geol Soc.*, L, 463—471 (Abst., *Geol. Mag.*, Dec. 4, I, 334).

—46. **1894.** The Evolution of Indian Geography. *Geogr. Journ.*, III, 169—196 (Abst., *Nature*, XLIX, 163).

—47. **1894.** The Petroleum Fields of India: their present condition and their probable future. *Journ. Soc. Arts.*, XLII, 145—156; *Coll. Guard.*, LXVII, 209—210, 254; *Min. Journ.*, LXIV, 91—92 (Abst., *Journ. I. S. Inst.*, XLV, 469).

—48. **1894.** Notes on Ground-Ice. *Nat. Sci.*, IV, 450—452.

—49. **1895.** On some outliers of the Vindhyan system South of the Son and their relation to the so-called Lower Vindhyans. *Rec. G. S. I.*, XXVIII, 139—144.

NATIONAL ARCHIVES OF INDIA

Oldham, R. D.—*contd.*

1324—50. 1895. The Alleged Miocene Man in Burma. *Nat. Sci.*, VII 201—202.

—51. 1896. Notes from the Geological Survey of India. *Rec. G. S. I.*, XXIX, 69—70, 82.

—52. 1897. Annual Report of the Geological Survey of India and of the Geological Museum, Calcutta, for 1896. *Rec. G. S. I.*, XXX, 1—11.

—53. 1897. On a Plant of *Glossopteris* with part of the rhizome attached, and on the structure of *Vertebraria*. *Rec. G. S. I.*, XXX, 45—50.

—54. 1897. Notes from the Geological Survey of India. *Rec. G. S. I.*, XXX, 110—111, 129—132, 251—252 (Abst., *Nature*, LVIII, 421; *Nat. Sci.*, XI, 231—232; *Zeits. f. Kryst.*, XXXI, 201, H. A. Miers; *Scot. Geogr. Mag.*, XIII, 596—597, W. A. Taylor).

—55. 1897. The Facetted Pebbles of India. *Nat. Sci.*, XI, 197—199.

—56. 1898. A note on the Allah-Bund in the north-west of the Rann of Kuchh. *Mem. G. S. I.*, XXVIII, 27—30.

—57. 1898. The Great Indian Earthquake of June 12, 1897. *Rep. Brit. Assoc.*, LXVIII, 939; *Nature*, LVIII, 586.

—58. 1899. On the Propagation of Earthquake Motion to Great Distances. *Phil. Trans.* CXCIV-A, 135—174 (Abst., *Proc. Roy. Soc.*, LXVI, 2—3).

—59. 1900. Report on the Great Earthquake of 12th June 1897. *Mem. G. S. I.*, XXIX, i—xxx+1—379+i—xviii (Abst., *Geol. Mag.*, Dec. 4, VII, 331—333, C. Davison; *Nature*, LXII, 305—307; *Neu. Jahrb. f. Min.*, 1901, II, *Ref.* 372—373, E. Sommerfeldt; *Centralbl.*, II, 482—488, Hugo Warth; *La Géographie*, III, 62—64, M. C.; *Bull Soc. belge. Géol.*, XV, *Proc. Verb.*, 57—58, V. d. W.).

NATIONAL ARCHIVES OF INDIA

Oldham, R. D.—*contd.*

1324—60. **1900.** List of Aftershocks of the Great Earthquake of 12th June 1897. *Mem. G. S. I.*, XXX, 1—102 (Abst., *Peterm. Mitth.*, XLVII, *Litt.*, 185, Rudolph; *Nature*, LXVII, 157; *Geol. Centralbl.*, V, 262—263).

—61. **1902.** On Tidal Periodicity in the Earthquakes of Assam. *Journ. A. S. B.*, LXXI, Pt. 2, 139—153 (Abst., *Nature*, LXVIII, 111; *Geogr. Journ.*, XXI, 451—452).

—62. **1902.** The Turkestan Earthquake of August 22, 1902. *Nature*, LXVII, 8—9.

—63. **1903.** A Note on the Sandhills of Clifton near Karachi. *Mem. G. S. I.*, XXXIV, 133—157 (Abst, *Nature*, LXIX, 138; *Scot. Geogr., Mag.*, XX, 88; *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 417, Noetling; *Peterm. Mitth.*, L, *Litt.*, 193, J. Walther; *Geol. Centralbl.*, V, 201).

—64. **1903.** The diurnal variation in frequency of the aftershocks of the Great Earthquake of 12th June 1897. *Mem. G. S. I.*, XXXV, 117—150.

—65. **1904.** Note on the Zewan Beds in the Vihi District, Kashmir. *Rec. G. S. I.*, XXXI, 5—8.

—66. **1904.** Note on the Glaciation and History of the Sind Valley, Kashmir. *Rec. G. S. I.*, XXXI, 142—161 (Abst., *Peterm. Mitth.*, LI, *Litt.* 195, E. Wagner).

—67. **1905.** Note on the Indian Earthquake (April 4th). *Geogr. Journ.*, XXV, 548.

—68. **1906.** On Explosion Craters in the Lower Chindwin District, Burma. *Rec. G. S. I.*, XXXIV, 137—147 (Abst., *Peterm. Mitth.*, LIII, *Litt.* 197, P. Grosser).

—69. **1906.** The Constitution of the Interior of the Earth, as revealed by Earthquakes. *Quart. Journ. Geol. Soc.*, LXII, 456—475 (Abst., *Geol. Mag.*, Dec. 5, III, 186—187; *Phil. Mag.*, Ser. 6, XII, 165—166; XIV, 786; *Neu. Jahrb. f. Min.*, 1910, I, *Ref.* 371, H. Philipp).

NATIONAL ARCHIVES OF INDIA

Oldham, R. D.—*concld.*

1324—70. 1907. The Valleys of the Himalayas. *Geogr. Journ.*, XXX, 512—516.

—71. 1913. The recent Discussion on the Origin of the Himalayas. *Geol. Mag.*, Dec. 5, X, 532—536 (Abst., *Geol. Centralbl.*, XX, 551—552).

—72. 1913. Remarks on Laterite. *Trans. Inst. Min. Met.*, XXIII, 20—22.

—73. 1914. On the Effect of the Gangetic Alluvium on the Plumb-line in Northern India. *Proc. Roy. Soc.*, XC-A, 32—41.

———, *see* **Fisher, *Rev.* O., 588—2.**

———, *see* **Holland, *Sir* T. H., 859—23.**

———, *see* **Oldham, T., 1327.**

———, *see* **Ramond, G., 1456.**

Oldham, R. D., Datta, P. N., *and* Vredenburg, E. W.

1325 . 1901. Geology of the Son Valley in the Rewah State and of parts of the adjoining Districts of Jabalpur and Mirzapur. *Mem. G. S. I.*, XXXI, 1—178 (Abst., *Geogr. Journ.*, XIX, 84—85; *Neu. Jahrb. f. Min.*, 1902, I. *Ref.* 430—432, J. Noetling; *Peterm. Mitth.*, XLVIII, *Litt.* 128—129, C. Diener; *Geol. Centralbl.*, II, 81—82, A. v. Krafft).

Oldham, T.

1326—1. 1852. Remarks on Papers and Reports relative to the Discovery of Tin and other Ores in the Tenasserim Provinces. *Sel. Rec. Beng. Govt.*, VI, 33—44.

—2. 1852. Report of the examination of the Districts in the Damoodah Valley and Beerbhoom, producing Iron-Ore. *Sel. Rec. Beng. Govt.*, VIII, 1—34.

—3. 1853. Report on the Coal Mines of Lakadong, in the Jynteah Hills. *Sel. Rec. Beng. Govt.*, XIII, 45—57.

NATIONAL ARCHIVES OF INDIA

Oldham, T.—*contd.*

1326—4. **1853.** Memorandum of the results of an examination of specimens of Gold Dust and Gold from Shuy-Gween. *Sel. Rec. Beng. Govt.*, XIII, 59—62.

—5. **1854.** Memorandum on the Coal stated to occur in the Sivok Nuddee near the river Teesta. *Journ. A. S. B.*, XXIII, 201—203.

—6. **1854.** Notes upon the Geology of the Rajmahal Hills; being the result of Examinations made during the cold season of 1852—53. *Journ. A. S. B.*, XXIII, 263—283.

—7. **1854.** [On the Geological structure of the Sub-Himalayan Hills, South of Darjiling; of the Khasia Hills; and of the Rajmahal Hills; and on the age of the coal-bearing rocks of India]. *Journ. A. S. B.*, XXIII, 617—620 (Abst., *Edin. N. Phil. Journ.*, N. S., II, 210—211).

—8. **1854.** On the Geological Structure of part of the Khasi Hills, with Observations on the Meteorology and Ethnology of that District. *Mem. G. S. I.*, I, 99—210. 4°. 77 + lxxii pp., Calcutta.

—9. **1855.** Note on Himalayan Geology. Extract of letter to Prof. E. Forbes. *Edin. N. Phil. Journ.*, N. S., I, 351—352.

—10. **1856.** Preliminary notice on the Coal and Iron of Talcheer in the Tributary Mehals of Cuttack. *Mem. G. S. I.*, I, 1—31 (Abst., *Ann. des Mines*, Ser., 5, XV, 337—350, M. Delesse).

—11. **1856.** Note on Specimens of Gold and Gold Dust procured near Shuè-gween, in the Province of Martaban, Burmah. *Mem. G. S. I.*, I, 94—98.

—12. **1856.** [Remarks on the classification of the rocks of Central India, resulting from the investigations of the Geological Survey]. *Journ. A. S. B.*, XXV, 249—255.

—13. **1856.** Notes on the Coal-Fields and Tin-Stone Deposits of the Tenasserim Provinces. *Sel. Rec. Govt. India*, X, 31—67; *Burma*, 375—406.

NATIONAL ARCHIVES OF INDIA

Oldham, T.—*contd.*

1326—14. **1856.** Memorandum on the Coal found near Thayetmyo on the Irrawaddy River. *Sel. Rec. Govt. India*, X, 99—107, *Burma*, 175—182.

—15. **1857.** [Note on Fossils from the Utatur beds]. *Mad. Journ. Lit. Sci.*, N. S., I, 280.

—16. **1857.** General Sketch of the Districts already visited by the Geological Survey of India. *Rep. Brit. Assoc.*, XXVII, *Sections*, 85—89; *Edin. N. Phil. Journ.*, N. S., VI, 320—325.

—17. **1858.** Notes on the Geological Features of the banks of the Irawadi, and of the country north of Amarapoora. YULE'S *Mission to Ava*, Appendix A, 309—351; *Burma*, 287—341.

—18. **1858.** On some additions to the knowledge of the Cretaceous rocks of India. *Journ. A. S. B.*, XXVII, 112—124; *Edin. N. Phil. Journ.*, N. S., VIII, 292—299.

—19. **1859.** Annual Report of the Superintendent of the Geological Survey of India, and Director of the Museum of Geology, Calcutta, 1858-59. 8°, Calcutta.

—20. **1859.** On some fossil fish-teeth of the genus *Ceratodus*, from Maledi, South of Nagpur. *Mem. G. S. I.*, I, 295—309.

—21. **1859.** Report on the Raneegunge Coal Field, with special reference to the proposed extension of the existing Line of Railway. 8°, Calcutta; *Sel. Rec. Govt. India*, LXIV, 98—111.

—22. **1860.** Annual Report of the Geological Survey of India, and of the Museum of Geology. Fourth year 1859—60. 8°, 10 pp., Calcutta.

—23. **1860.** On the Geological relations, and probable Geological age, of the several systems of Rocks in Central India and Bengal. *Mem. G. S. I.*, II, 299—335.

—24. **1860.** [Note on specimens sent by Dr. J. L. Stewart from the Wuzeeree country]. *Journ. A. S. B.*, XXIX, 318—319.

NATIONAL ARCHIVES OF INDIA

Oldham, T.—*contd.*

1326—25. 1860. [Note on Indian Meteorites sent to Vienna]. *Journ. A. S. B.*, XXIX, 416—418.

—26. 1860. Report on the present state and prospects of the Government Iron Works at Dechouree in Kumaon. Fol., 59 pp., Calcutta.

—27. 1861. Annual Report of the Superintendent of the Geological Survey of India, and of the Museum of Geology, Calcutta, 1860-61. 4°, 10 pp., Calcutta.

—28. 1861. [Remarks on the Geological position of the Damuda Series]. *Journ. A. S. B.*, XXX, 177—182.

—29. 1861. Memorandum on the Non-existence of "True Slates" in India generally, and, especially with reference to the Slabs of the Kurnool District, Madras Presidency, showing to what purposes they could be applied. *Journ. R. As. Soc.*, XIX, 31—38 (Abst., *Edin. N. Phil. Journ.*, N. S. XIII, 333).

—30. 1862. Annual Report of the Superintendent of the Geological Survey of India and of the Museum of Geology, Calcutta, 1861-62. 4°, 6 pp., Calcutta.

—31. 1863. Annual Report of the Superintendent of the Geological Survey of India, and of the Museum of Geology, Calcutta, for the year 1862-63. 4°, 8 pp., Calcutta.

—32. 1863. Additional Remarks on the Geological Relations, and probable Geological Age of the several systems of rocks in Central India and Bengal. *Mem. G. S. I.*, III, 197—213.

—33. 1863. Indian Mineral Statistics.—I. Coal. *Mem. G. S. I.*, III, Pt. I, Art. 2, 1—12 (Abst., *Edin. N. Phil. Journ.*, N. S. XVI, 318).

—34. 1863. On the Occurrence of Rocks of Upper Cretaceous Age in Eastern Bengal. *Quart. Journ. Geol. Soc.*, XIX, Pt. I, 524—526 (Abst., *Geologist*, VI, 351; *Phil. Mag.*, Ser. 4, XXVI, 550).

NATIONAL ARCHIVES OF INDIA

Oldham, T. —*contd.*

1326—35. 1864. Annual Report of the Geological Survey of India, and of the Museum of Geology, Calcutta, for the year 1863-64. 8°, 12 pp., Calcutta.

—36. 1864. [Remarks on Stone Implements discovered by Messrs. King and Foote in Madras]. *Journ. A. S. B.*, XXXIII, 67—68; *Ann. Mag. Nat. Hist.*, Ser. 3, XIV, 154—155 (Abst., *Neu. Jahrb. f. Min.*, 1865, 103).

—37. 1864. Note on the Fossils in the [Asiatic] Society's Collection reputed to be from Spiti. *Journ. A. S. B.*, XXXIII, 232—237.

—38. 1864. [Remarks on a Fossil Amphibian from the Pachmari Hills]. *Journ. A. S. B.*, XXXIII, 442—444.

—39. 1865. Annual Report of the Geological Survey of India, and of the Museum of Geology, Calcutta. Ninth year 1864-65. 8°, 12 pp., Calcutta.

—40. 1865. [Remarks on stone implements discovered by Messrs. Foote and King in lateritic gravels near Madras]. *Proc. A. S. B.*, 206—208.

—41. 1866. Annual Report of the Geological Survey of India, and of the Museum of Geology, Calcutta, for the year 1865-66. 8°, 12 pp., Calcutta.

—42. 1867. [On Geological action on the South Coast of Kattyawar and in the Runn]. *Trans. Bo. Geogr. Soc.*, XVIII, *Proc.* lxx—lxxv.

—43. 1867. Annual Report of the Geological Survey of India and of the Museum of Geology, Calcutta, for the year 1866-67. 8°, 13 pp., Calcutta.

—44. 1868. Annual Report of the Geological Survey of India and of the Museum of Geology, Calcutta, for 1867. *Rec. G. S. I.*, I, 3—8.

—45. 1868. Lead in the district of Raepore, Central Provinces. *Rec. G. S. I.*, I, 37.

NATIONAL ARCHIVES OF INDIA

Oldham, T.—*contd.*

1326—46. 1868. Coal in the Eastern Hemisphere. *Rec. G. S. I.*, I, 37—39.

—47. 1868. On the Agate Flake found by Mr. Wynne, in the Pleiocene(?) deposits of the Upper Godavery. *Rec. G. S. I.*, I, 65—69.

—48. 1868. Memorandum on the Coal Resources and Production of India. *Sel. Rec. Govt. India*, LXIV, 39—73 (Abst., *Geol. Mag.*, Dec. 1, IV, 264—265; *Min. Journ.*, XXXVIII, 66; *Neu. Jahrb. f. Min.*, 1868, 106—108).

—49. 1868. Memorandum on the results of a cursory examination of the Salt Range, and parts of the districts of Bunnoo and Kohat, with a special view to the mineral resources of those districts. *Sel. Rec. Govt. India*, LXIV, 126—156.

—50. 1868. [Remarks on the Action of the Ganges]. *Proc. A. S. B.*, 233—235.

—51. 1868. Report on the alleged Existence of Coal in the vicinity of Masulipatam. *Gazette of India, Suppl.*, 215—216, 396—397.

—52. 1869. Indian Mineral Statistics,—Coal. *Mem. G. S. I.*, VII, 131—150.

—53. 1869. Meteorites (Ornars, France, and Multan falls). *Rec. G. S. I.*, II, 20.

—54. 1869. Annual Report of the Geological Survey of India and of the Museum of Geology, Calcutta, for 1868. *Rec. G. S. I.*, II, 25—34.

—55. 1869. Coal-field near Chanda, Central Provinces. *Rec. G. S. I.*, II, 94—100.

—56. 1869. Lead in the Raipur District, Central Provinces. *Rec. G. S. I.*, II, 101; *Sel. Rec. Govt. India*, LXXIV, 98.

—57. 1869. Meteorites (Khetri fall). *Rec. G. S. I.*, II, 101.

NATIONAL ARCHIVES OF INDIA

Oldham, T.—*contd.*

1326—58. **1869.** [Exhibition of photographs of the results of the Cachar Earthquake of January 10th, 1869]. *Proc. A. S. B.*, 113—115.

—59. **1869.** Notes on the remains found in a Cromlech at Coorg. *Proc. A. S. B.*, 226—235.

—60. **1870.** Annual Report of the Geological Survey of India and of the Museum of Geology, Calcutta, for 1869. *Rec. G. S. I.*, III, 1—10 (Abst., *Geol. Mag.*, Dec. 1, VII, 339—341).

—61. **1870.** The Wardha River Coal-fields, Berar and Central Provinces. *Rec. G. S. I.*, III, 45—53; *Ind. Economist*, I, 186—187 (Abst., *Geol. Mag.*, Dec. 1, VII, 428—429).

—62. **1870.** [Assays of Iron Ores from Hazaribagh and the Central Provinces]. *Rec. G. S. I.*, III, 77.

—63. **1870.** [Remarks on the origin of the Sundarbans]. *Proc. A. S. B.*, 46—51.

—64. **1870.** Explorations for coal in the Chanda District. *Ind. Economist*, I, 306.

—65. **1870.** Explorations for coal in the Wardha River coal-fields *Ind. Economist*, II, 23—25.

—66. **1871.** Annual Report of the Geological Survey of India and of the Museum of Geology, Calcutta, for 1870. *Rec. G. S. I.*, IV, 1—14.

—67. **1871.** On the supposed occurrence of Native Antimony in the Straits Settlements. *Rec. G. S. I.*, IV, 48.

—68. **1871.** On the composition of a deposit in the boilers of Steam Engines at Ranigunj. *Rec. G. S. I.*, IV, 48—49.

—69. **1871.** Sketch of the Geology of the Central Provinces. *Rec. G. S. I.*, IV, 69—82; *Central Provs. Gazetteer*, 2nd Ed. 1870, I, xxvi—xlvii.

—70. **1871.** [Remarks on copper blooms from Pachumba]. *Proc. A. S. B.*, 233—234.

NATIONAL ARCHIVES OF INDIA

Oldham, T.—*concld.*

1326—71. 1872. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1871. *Rec. G. S. I.*, V, 1—13.

—72. 1872. [Letters regarding the] Discovery of Petroleum near Thayetmyo. *Ind. Economist*, III, 191—193.

—73. 1873. Annual Report of the Geological Survey of India and of the Geological Museum, Calcutta, for 1872. *Rec. G. S. I.*, VI, 1—7.

—74. 1873. Die geologische Karte des Salt Range im Pendschab. *Verh. k.k. Geol. Reichsanst.*, 168—170.

—75. 1873. The Coal-fields of British India. *Report Rugby School Natural History Society*, 45—54 (Abst., *Geol. Mag.* Dec. 2, I, 269—270).

—76. 1875. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1874. *Rec. G. S. I.*, VIII. 1—11.

—77. 1876. Annual Report of the Geological Survey of India, and of the Geological Museum, Calcutta, for 1875. *Rec. G. S. I.*, IX, 1—6.

—78. 1878. [Letter on the age of the Indian coal-beds]. C. E. Clarke's *Sedimentary Formations of New South Wales*, 4th Ed., p. 57. 8°, Sydney.

———, *see* **Baker, *Sir* W. E., 67.**

———, *see* **Medlicott, H. B., 1197—40.**

Oldham, T., *and* R. D.

1327—1. 1882. The Cachar Earthquake of 10th January 1869. Edited by R. D. Oldham. *Mem. G. S. I.*, XIX, 1—98 (Abst., *Journ. Sci.*, Ser. 3, V, 559—560).

—2. 1882. The Thermal Springs of India. Edited by R. D. Oldham. *Mem. G. S. I.*, XIX, 99—161.

NATIONAL ARCHIVES OF INDIA

Oldham, T., *and* R. D.—*contd.*

1327—3. 1883. A Catalogue of Indian Earthquakes, from the earliest time to the end of A.D. 1869. *Mem. G. S. I.*, XIX, 163—215.

Oldham, T., *and* Mallet, R.

1328 . 1872. Notice of some of the Secondary Effects of the Earthquake of 10th January 1869, in Cachar. *Quart. Journ. Geol. Soc.*, XXVIII, Pt. I, 255—270 (Abst., *Geol. Mag.*, Dec. 1, IX, 284—285; *Nature*, V, 513—514; *Phil. Mag.*, Ser. 4, XLIV, 232—233).

Oldham, T., *and* Morris, J.

1329 . 1862. Fossil Flora of the Rajmahal Series in the Rajmahal Hills. *Pal. Indica*, Ser. II, I, 1—52.

Oldham, W.

1330—1. 1868. [Note on a shower of earth which fell at Kootubpur, Ghazeepur District]. *Proc. A. S. B.*, 182.

—2. 1868. Memorandum on the Action of the Ganges in the Benares Province. *Proc. A. S. B.*, 229—232.

Oliver, D. R. G.

1331—1. 1910. Note on the Kumdan Glaciers. *Rec. G. S. I.*, XL, 343—347 (Abst., *La Géographie*, XXV, 359—361, C. Rabot).

—2. 1912. Notes, recorded in August 1911, on some of the Lakes of Ladakh. *Rec. G. S. I.*, XLII, 127—132.

Oliver, E. E.

1332—1. 1883. Note on Coal and Iron in the Punjab. *Sel. Rec. Pun. Govt.*, N. S., XXI, 1—11.

—2. 1883. Report on Reh Swamp and Drainage of the Western Jumna Canal Districts. *Prof. Papers Ind. Eng.*, Ser. 3, I, 63—87.

Ommanney, E. L.

1333 . 1850. Note on Patna Boulders. *Journ. A. S. B.*, XIX, 136—139.

NATIONAL ARCHIVES OF INDIA

Omori, F.

1334—1. 1897. Preliminary Note on the Earthquake of June 12th, 1897. *Nature*, LVII, 59.

—2. 1905. On the Indian Earthquake of April 4, 1905. *Publ. Earthq. Inv. Com. Tokyo*, No. 21, *App.* 1—4.

—3. 1907. Report on the Great Indian Earthquake of 1905. *Publ. Earthq. Inv. Com. Tokyo*, Nos. 23 and 24 (Abst., *Peterm. Mitth.*, LV, *Litt.* 48—49, C. Mainka).

—4. 1907. Note on the Kashgar (Turkestan) Earthquake of Aug. 22, 1902. *Bull. Imp. Earthq. Inv. Com.*, I, 161—166.

Ondaatje, W. C.

1335 . 1854. [Notes on Sulphur Ore and Iron Alum found in Ceylon]. *Journ. Ceyl. As. Soc.*, II, No. 3, *Proc.* lxxxvi.

Ondrej, A.

1336 . 1909. Ein Beitrag zur Morphologie des Turmalins von Ceylon. *Rozpr. ceske Akad.*, XVIII, No. 40, 1—9. (Abst., *Zeits. f. Kryst.*, L, 647—649, V. Rosicky).

Oppel, A.

1337—1. 1863. Ueber ostindische Fossilreste aus den secundären Ablagerungen von Spiti und Gnari-Khorsum in Tibet. *Palæont. Mitth.*, No. IV, 267—288 (Abst., *Geol. Mag.*, Dec. 1, III, 19; *Neu. Jahrb. f. Min.*, 1864, 505).

—2. 1865. Ueber ostindische Fossilreste (Forsetzung). *Palæont. Mitth.*, No. IV, 289—304 (Abst., *Neu. Jahrb. f. Min.*, 1865, 888).

Oppenheim, P.

1338 . 1907. Ueber von Herrn A. v. LeCoq gesammelte Heterastridien vom Karakorumpasse (Kleintibet). *Centralbl.*, VIII, 722—728.

O'Reilly, J. P.

1339 . 1880. On the Correlation of the Lines of Faulting of the Palamau Coal-Field District, Northern India, with the neighbouring Coast Lines. *Proc. R. I. Acad.*, Ser. 2, III, Sci., 310—312.

NATIONAL ARCHIVES OF INDIA

O'Riley, E.

1340—1. 1848. Note on the Geological formations of Amherst Beach, Tenasserim Province. *Cal. Journ. Nat. Hist.*, VIII, 186—189.

—2. 1849. Rough Notes on the Geological and Geographical characteristics of the Tenasserim Provinces. *Journ. Ind. Archipelago*, III, 385—401.

—3. 1849. Remarks on the Metalliferous Deposits and Mineral Productions of the Tenasserim Provinces. *Journ. Ind. Archipelago*, III, 724—743.

—4 1850. Notes on the Tract of Country lying between the head of the Zimmi River and the source of the Kaundran, adjacent to the Siamese Border Province of Ryont Raung. *Journ. Ind. Archipelago*, IV, 164—168.

—5. 1850. The Origin of Laterite. *Journ. Ind. Archipelago*, IV, 199—200.

—6. 1852. [Report on minerals in Tenasserim]. *Sel. Rec. Beng. Govt.*, VI, 21—24.

—7. 1852. Memorandum on Mineral Specimens [from Tavoy]. *Sel. Rec. Beng. Govt.*, VI, 25—29.

—8. 1852. Report on the Henzai Basin, its Streams, and the Country in its immediate vicinity. *Sel. Rec. Beng. Govt.*, VI, 30—32.

—9. 1856. Journal of a Tour East from Tounghoo to the Salween River. *Sel. Rec. Govt. India*, XX, 48—71.

—10. 1858. Journal of a tour to Karen-nee for the purpose of opening a Trading Road to the Shan Traders from Mobyay and the adjacent Shan States, through that territory direct to Toungoo. *Journ. Ind. Archipelago*, N. S., II, 391—457; *Journ. R. Geogr. Soc.*, XXXII, 164—216.

—11 1864. Remarks on the "Lake of the Clear Water" in the District of Bassein, British Burmah, *Journ. A. S. B.*, XXXIII, 39—44.

NATIONAL ARCHIVES OF INDIA

O'Riley, E.—*contd.*

1340—12. 1865. Report on the proceedings and incidents of the Mission to Karennee. *Sel. Rec. Govt. India*, XLVIII, 49—73.

Orlebar, *Rev.* A. B.

1341—1. 1839. Note on the Lake of Loonar. *Trans. Bo. Geogr. Soc.*, II, Pt. 3, 35—38.

—2. 1842. Notes accompanying a Collection of Geological Specimens from Guzerat. *Journ. Bo. As. Soc.*, I, 191—198.

—3. 1842. Note on the Ram Ghat. *Journ. Bo. As. Soc.*, I, 199—200.

Orlich, L. *von*

1342 . 1845. Travels in India, including Sinde and the Punjab. Translated by H. Evans Lloyd. 8°, 2 Vols., London.

Ormiston, G. E.

1343 . 1878. Submerged Forest on Bombay Island. *Rec. G. S. I.*, XI, 302; XIV, 320—323 (Abst., *Neu. Jahrb. f. Min.*, 1883, I, *Ref.*, 53—54, W. W.).

Ormsby, M. H.

1344 . 1871. Analysis of some Granitic Rocks from India, and of their Constituent Minerals (1868). *Journ. R. Geol. Soc. Ireland*, III, 26—27.

Osborne, G.

1345 . 1838. Report of a visit made to the supposed Coal-Field at Bidjeegurh (Vijayagadha). *Journ. A. S. B.*, VII, 839—848.

O'Shaughnessy, W. B.

1346—1. 1842. On the Improvement of Bengal Pottery. *Cal. Journ. Nat. Hist.*, III, 606.

—2. 1847. [Report on Coal from the Island of Junk Ceylon]. *Journ. A. S. B.*, XVI, 720—721.

Oswald, F.

1347 . 1910. Trans-Himalaya and Tibet. *Sci. Prog. XX Cent.*, V, 38—47 (Abst., *Nature*, LXXXIV, 180).

NATIONAL ARCHIVES OF INDIA

Ouchterlony, J.

1348—1. 1842. [Note on the discovery of fossils near Pondicherry]. *Cal. Journ. Nat. Hist.*, II, 112—113.

—2. 1842. Mineralogical Report upon a portion of the Districts of Nellore, Cuddapah, and Guntoor. *Cal. Journ. Nat. Hist.*, II, 283—285.

—3. 1870. Geographical and Statistical Memoir of a Survey of the Neilgherry Mountains. SHORTT'S *Hill Ranges of S. India*, Pt. 1.

Ouseley, J. R.

1349—1. 1833. [Note on specimens of coal from Hoshungabad]. *Journ. A. S. B.*, II, 647.

—2. 1835. Notice of two beds of Coal discovered . . . near Bara Garabwara, in the Valley of the Narbada, 5th Jan. 1835. *Journ. A. S. B.*, IV, 648.

—3. 1839. Note on the process of washing for the Gold Dust and Diamonds at Heera Khoond. *Journ. A. S. B.*, VIII, 1057—1058.

—4. 1843. [Letter forwarding specimens of galena from Hisato, in Chota Nagpur]. *Journ. A. S. B.*, XII, 736.

—5. 1845. On the Course of the River Nerbudda. *Journ. A. S. B.*, XIV, 354—356.

—6. 1845 [Note on the Survey of the river Nerbudda]. *Journ. A. S. B.*, XIV, Proc., xx.

———, *see* **Piddington, H., 1405**—13, —23.

Ouseley, R.

1350 . 1865. [Note on a kind of peat found in the Pertabgarh district, in Oudh]. *Proc A. S. B.*, 85—87.

Owen, F.

1351 . 1897. Mining in Perak. *Trans. Inst. Min Met.*, VI, 51—87.

NATIONAL ARCHIVES OF INDIA

Owen, J.

1352 . 1844 Extracts from a Work in preparation on the Hill Tribes bordering on the N.-E. Frontier, showing the rude method of manufacturing Salt as practised amongst the Nagas. *Journ. Agri. Hort. Soc. Ind.*, III, Pt. 1, 27—30.

Owen, *Sir* R.

1353—1. 1846. Memorandum on the Perim Fossil. *Journ. R. As. Soc.*, VIII, 417—419.

—2. 1847. On the Batracholites, indicative of a small species of Frog (*Rana pusilla*, Ow.). Addendum to the Communication from G. T. Clark, Esq., Bombay. *Quart. Journ. Geol. Soc.*, III, Pt. I, 224—225 (Abst., *Bibl. Univ.*, Ser. 4, VI, 67—68; *Neu. Jahrb. f. Min.*, 1849, 244).

—3. 1852. Note on the Crocodilian Remains accompanying Dr. T. L. Bell's Paper on Kotah. *Quart. Journ. Geol. Soc.*, VIII, 233; *Western India*, 307.

—4. 1854. Description of the Cranium of a Labyrinthodont Reptile (*Brachyops laticeps*) from Mangali, Central India. *Quart. Journ. Geol. Soc.*, X, Pt. 1, 473—474; XI, Pt. 1, 37—39; *Western India*, 288—291 (Abst., *Neu. Jahrb., f. Min.*, 1855, 254).

—5. 1876. Evidences of Theriodonts in Permian Deposits elsewhere than in South Africa. *Quart. Journ. Geol. Soc.*, XXXII, 352—363.

Owen, T. E.

1354 . 1865. Purtabpore Stone Quarries. *Prof. Papers Ind. Eng.*, Ser. 1, II, 81—89.

Owen, W. F. W.

1355 . 1832. [On the Maldiva Islands]. *Journ. R. Geogr. Soc.*, II, 81—92.

P

Paddon, N. B.

1356 . 1913. [Notes on the Jherria Coal-Field]. *Trans. N. E. Inst. Min. Eng.*, LXIII, 225—228; *Trans. Inst. Min. Eng.*, XLV, 341—344.

NATIONAL ARCHIVES OF INDIA

Paganini, P.

1357 . 1912. Rilievi fotogrammetrici nella regione del Karakoram, eseguiti della spedizione di S. A. R. il Duca degli Abruzzi. *Boll. Soc. Geogr. Ital.*, Ser. 5, I, 819—840, 947—965.

Page, M.

1358 . 1883. Determination of the Alkaline Metals in a Lepidote from India. *Chem. News.*, XLVIII, 109—110.

Pal, Gostabehari, *see* **Watson, H. E., 1899.**

Palacky, J.

1359 . 1883. Über die Fische Indiens und Nordamerikas in geologischer Hinsicht. *Sitz. k.—böhm. Ges. Wiss.*, II, 255—257.

Palmer, E. C.

1360 . 1870. Report on the result of certain experiments made on the manufacture of Cements and Artificial Stone. *Prof. Papers Ind. Eng.*, Ser. 1, VII, 255—263.

Palmer, W. J.

1361 . 1868. Observations on the Production of Nitre in India. *Chem. News*, XVIII, 4.

Paranjpe, S. R., *see* **Mann, H. H., 1165.**

Parish, *Rev.* C.

1362—1. 1862. The Andaman Islands [Letter to Sir W. Hooker]. *Proc. R. Geogr. Soc.*, VI, 215—217 (*contains an account of Barren Island*).

—2. 1865. Notes of a trip up the Salween. *Journ. A. S. B.*, XXXIV, Pt. 2, 135—146.

Parish, W. H.

1363—1. 1848. A Report of the Kohistan of the Jullunder Doab. *Journ. A. S. B.*, XVII, Pt. 1, 281—295.

—2. 1849. A journal of a trip through the Kohistan of the Jullundhur, undertaken at the close of the year 1847, and commencement of 1848, under the orders of the Supreme Government of India, for the purpose of determining the Geological formation of that District. *Journ. A. S. B.*, XVIII, 360—409.

NATIONAL ARCHIVES OF INDIA

Park, Mungo

1364 . 1914. Mining in the Malay States. *Mining Mag.*, X, 205—216.

Parker, H. M.

1365 . 1837. [Presentation of a slab of Flexible Sandstone]. *Journ. A. S. B.*, VI, 987.

Parkinson, J.

1366—1. 1901. Notes on the Geology of South-Central Cey on. *Quart. Journ. Geol. Soc.*, LVII, 198—210 (Abst., *Geol. Mag.*, Dec. 4, VIII, 94-95; *Phil. Mag., Ser.* 6, II, 152-153; *Neu. Jahrb. f. Min.*, 1903, I, *Ref.* 78, W. Salomon; *Peterm. Mitth.*, XLVII, *Litt.* 185, Supan; *Geol. Centralbl.*, I, 659, C. V. C.).

—2. 1902. The Petrographical Characters of the Darjeeling Gneiss. *Geol. Mag.*, Dec. 4, IX, 30—35 (Abst., *Neu. Jahrb. f. Min.*, 1904, II, *Ref.* 53, K. Busz; *Geol. Centralbl.*, III, 199-200, C. V. C.).

—3. 1902. On the Making of a Quartz Schist. *Geol. Mag.*, Dec. 4, IX, 259—265.

Parry, R.

1367 . 1897. Report on Tin-mining in the Malay States of Perak and Selangor, and in Mergui. Fol., 33 pp., Rangoon.

Parsons, J.

1368—1. 1905. [Occurrence of platinum in Ceylon]. *Rep. Min. Survey Ceyl.*, 6.

—2. 1907. Further note on Vedda Implements. *Spolia Zeyl.*, IV, 190.

—3. 1908. The Modes of Occurrence of Quartz in Ceylon. *Spolia Zeyl.*, V, 171—177.

—4. 1908. Report on the Mineral Survey of Ceylon for 1907. *Ceylon Admn. Reports*, Pt. IV, 1—18.

—5. 1909. Note on Fluor-spar in Ceylon. *Spolia Zeyl.*, VI, 45.

————, *see* **Coomaraswamy, A. K., 358,** 1—5.

NATIONAL ARCHIVES OF INDIA

Pascoe, E. H.

1369—1. 1906. The Kabat Anticline, near Seiktein, Myingyan District, Upper Burma. *Rec. G. S. I.*, XXXIV, 242—252 (Abst., *Peterm. Mitth.*, LV, *Litt.* 42, E. Wagner).

—2. 1906. The Asymmetry of the Yenangyat Anticline, Upper Burma. *Rec. G. S. I.*, XXXIV, 253—260.

—3. 1906. The Northern part of the Gwegyo Anticline, Myingyan District, Upper Burma. *Rec. G. S. I.*, XXXIV, 261—265.

—4. 1907. Fossils in the Upper Miocene of the Yenangyaung Oil-field, Upper Burma. *Rec. G. S. I.*, XXXV, 120.

—5. 1908. Marine Fossils in the Yenangyaung Oil-field, Upper Burma. *Rec. G. S. I.*, XXXVI, 135—142.

—6. 1908. On the Occurrence of Freshwater Shells of the Genus *Batissa* in the Yenangyaung Oil-field, Upper Burma. *Rec. G. S. I.*, XXXVI, 143—146.

—7. 1908. The Wetchok-Yedwet Pegu outcrop, Magwe District, Upper Burma. *Rec. G. S. I.*, XXXVI, 286—294.

—8. 1909. Note on a Pegu Inlier at Ondwe, Magwe District, Upper Burma. *Rec. G. S. I.*, XXXVIII, 152—153.

—9. 1909. Corrective note on the fossil described under the provisional name "*Twingonia*" from the Pegu beds ("Miocene") of Burma. *Rec. G. S. I.*, XXXVIII, 187.

—10. 1911. Coal in the Namchik Valley, Upper Assam. *Rec. G. S. I.*, XLI, 214—216 (Abst., *Journ. I. S. Inst.*, LXXXV, 465; *Trans. N. E. Inst. Min. Eng.*, LXII, *App.* 9—10, A. P. A. S.).

—11. 1912. The Oil-fields of Burma. *Mem. G. S. I.*, XL, 1—269 (Review, *Nature*, XCII, 9—10, T. H. D. L.).

—12. 1912. A Traverse across the Naga Hills of Assam from Dimapur to the neighbourhood of Sarameti Peak. *Rec. G. S. I.*, XLII, 254—264.

NATIONAL ARCHIVES OF INDIA

Pascoe, E. H.—*contd.*

1369—13. 1914. The Petroleum Occurrences of Assam and Bengal. *Mem. G. S. I.*, XL, 270—329+i—xiii (Review, *Geol. Mag.*, Dec. 6, II, 377.

———, *see* **Walker, H., 1870.**

Pascoe, E. H., *and* Cotter, G. de P.

1370 . 1908. On a New Species of *Dendrophyllia* from the Upper Miocene of Burma. *Rec. G. S. I.*, XXXVI, 147—148 (Abst. *Revue Pal.*, XII, 260).

Paske, E. H.

1371 . 1874. [Iron ores of the Kangra District]. *Gazette of India, Suppl.*, 1482—1487.

Passarge, S.

1372 . 1895. Ueber Laterite und Rotherden in Africa und Indien. *Report, VI Intern., Geogr. Congress, London*, 671—676.

Paterson, J.

1373 . 1845. [Note on a supposed submarine Eruption off the coast of Arracan]. *Journ. A. S. B.*, XIV, *Proc.*, xxvi.

Paton, C.

1374 . 1828. Historical and Statistical Sketch of Aracan. *As. Res.*, XVI, 353—381.

Peal, S. E.

1375—1. 1869. Short notes of a trip into the hills south of Sibsaugor. *Proc. A. S. B.*, 76—79.

—2. 1869. Note on an Extraordinary Flood in Upper Assam. *Proc. A. S. B.*, 264—265.

—3. 1872. Notes on a Visit to the Tribes inhabiting the hills south of Sibságar, Assám. *Journ. A. S. B.*, XLI, Pt. 1, 9—31.

—4. 1872. [Note on a Celt from Assam]. *Proc. A. S. B.*, 136.

—5. 1877. [Remarks on Pot-holes and the Geology of Goalpara Hill]. *Proc. A. S. B.*, 260—262.

NATIONAL ARCHIVES OF INDIA

Peal, S. E.—*contd.*

1375—6. 1879. Note on the old Burmese route over Patkai *viâ* Nongyang (viewed as the most feasible and direct route from India to China). *Journ. A. S. B.*, XLVIII, Pt. 2, 71—82.

—7. 1881. Report on a visit to the Nongyang Lake, on the Burmese Frontier, February 1879. *Journ. A. S. B.*, L, Pt. 2, 1—30.

—8. 1883. Notes on a trip up the Dihing basin to Dupha Pani, etc., January and February, 1882. *Journ. A. S. B.* LII, Pt. 2, 7—53 (Abst. *Proc. A. S. B.*, 1882, 124—125).

Pearson, A. N.

1376 . 1883. The development of the Mineral Resources of India. 8°, Bombay.

Pearson, G.

1377 . 1795. Experiments and Observations to investigate the Nature of a Kind of Steel, manufactured at Bombay, and there called Wootz, with remarks on the Properties and Composition of the different States of Iron. *Phil. Trans.*, LXXXV, 322—346; *Abridg.* XVII, 580—593 (Abst., *Bibl. Brit.*, XII, *Sci.* 205—216, 415—422; XIII, *Sci.* 173—187; *Ann. Chim.*, XXIII, 146—147).

Pedler, A.

1378 . 1874. Note on the Composition of the Calcutta Coal-Gas. *Proc. A. S. B.*, 183—186.

Pegler, O.

1379 . 1878. Report on Gold in the Wynaad District. *Min. Journ.*, XLVIII, 1303, 1370—1371.

Pellet, Sc.

1380 . 1890. Le grès flexible de Calcutta. *Ann. Géol. Univ.*, VII, 778—779 (Abst. by G. Ramond from *Bull. Soc. Sci. Nat. Nîmes.* 18th année, XXV).

Pellew, F. H.

1381—1. 1870. [Note on the Barisal Guns]. *Proc. A. S. B.*, 289—290.

NATIONAL ARCHIVES OF INDIA

Pellew, F. H.—*contd.*

1381—2. 1873. [Note on specimens of wood and soil dug out near Baddibati, District Húghli]. *Proc. A. S. B.*, 78.

Pelly, *Sir* Lewis

1382 . 1864. A visit to Lingah, Kishm, and Bundar Abbass. *Journ. R. Geogr. Soc.*, XXXIV, 251—258 (Abst. *Proc. R. Geogr. Soc.*, VIII, 265—267).

Pemberton, J. J.

1383 . 1854. Geographical and Statistical Report of the District of Maldah. Fol., 44 pp., Calcutta.

Pemberton, R. Boileau

1384—1. 1831. A Journey over the Assam Mountains. *As. Journ.*, N. S., IV, Pt. 2, 182 (Abst. from *Calcutta Govt. Gazette*, 28th October, 1830).

—2. 1835. Report on the Eastern Frontiers of British India; Manipur, Assam, Arracan, etc. 8°, Calcutta (Review, *Journ. R. Geogr. Soc.*, VIII, 391—397).

—3. 1838. [Letters descriptive of an expedition to Bhotan]. *Journ. A. S. B.*, VII, 90—91, 460—463.

—4. 1839. Report on Bootan. 8°, 123 pp., Calcutta.

Pemberton, R. B., *and* Hannay, S. F.

1385 . 1837. Abstract of the Journal of a Route travelled by Capt. S. F. Hannay, from the Capital of Ava to the Amber Mines of the Hukong Valley on the south-east frontier of Assam. *Journ. A. S. B.*, VI, 245—278; *Mad. Journ. Lit. Sci.*, VI, 390—423 (Abst., *As. Journ.*, N. S., XXIV, Pt. 1, 225—236; *Bibl. Univ.*, N. S., XV, 125—142).

Penck, A.

1386 . 1900. Die Eiszeiten Australiens. *Zeits. Ges. f. Erdk.*, XXXV, 239—286 (Abst., *La Géographie*, III, 530—532, L. Laloy).

Pennant, Thos.

1387—1. 1798. The View of Hindoostan. 4°, 2 Vols., London (Review, *Bibl. Brit.*, XII, *Lit.*, 160—189).

NATIONAL ARCHIVES OF INDIA

Pennant, Thos.—*contd.*

1387—2. 1800. The View of India extra Gangem, China, and Japan. 4°, 284 pp., London.

Penrose, R. A. F.

1388 . 1903. The Tin Deposits of the Malay Peninsula with special reference to those of the Kinta District. *Journ. Geol.*, XI, 135—154 (Abst., *Eng. Min. Journ.*, LXXV, 926—928; *Zeits. f. prakt. Geol.*, XI, 278—279, A. Klautzsch; XII, 277—278, F. Wiegers; *Zeits. f. Kryst.*, XLI, 197—198, A. S. Eakle).

Pentland, J. B.

1389 . 1828. Description of Fossil Remains of some Animals from the North-East Border of Bengal. *Geol. Trans.*, Ser. 2, II, 393—394 (Abst., *Proc. Geol. Soc.*, I, 76; *Glean. Sci.*, I, 186).

Peppe, T. F.

1390 . 1861. [Notes on the fall of a Meteorite in Tirhoot, May 12, 1861]. *Journ. A. S. B.*, XXX, 295—297, 396—398.

Percy, J.

1391 . 1864. Iron-smelting in India. *Metallurgy*, Pt. 2, 254—273. 8°, London.

Perin, C. P.

1392 . 1912. Modern Progress of Iron and Steel Industries in India. *Iron Age*, LXXXVIII, 682 (Abst., *Journ. I. S. Inst.*, LXXXV, 504).

Peters, C. T.

1393 . 1876. The Hot Springs of Bosher and Ghullas in Oman. *Geogr. Mag.*, III, 277.

Petersen, Th.

1394 . 1873. Skolezit von Poonah. *Neu. Jahrb. f. Min.*, 852.

Pfannl, H.

1395 . 1914. Von meiner Reise zum K_2 in den Bergen Baltistans. *Mitth. k. k. Geogr. Ges.*, XLVII, 247—260.

NATIONAL ARCHIVES OF INDIA

Pfeiffer, E.

1396 . 1863. Procentische Zusammensetzung des Meteorsteines von Parnallee bei Madura in Ostindien. *Sitz. k. Akad. Wiss.*, XLVII, Abth. 2, 460—463.

Phayre, *Sir* A.

1397—1. 1841. Account of Arakan. *Journ. A. S. B.*, X, 679—712.

—2. 1841. [Notes on fossil crabs and shark's teeth from Arracan]. *Cal. Journ. Nat. Hist.*, I, 559—561.

—3. 1870. Note on a Circle of Stones situated in the District of Eusufzye. *Proc. A. S. B.*, 5—6.

—4. 1876. [Note on Stone Implements from Burma]. *Proc. A. S. B.*, 3.

Philippi, ———

1398 . 1847. Über die Nikobarischen Inseln in Bezug auf Klima, Geologie, Vegetation und Fauna. *Monatsb. Verh. Ges. f. Erdk.*, N. S., IV, 267—274.

Philippi, E.

1399 . 1908. Ueber die permische Eiszeit. *Centralbl.*, IX, 353—362.

Phillips, F.

1400 . 1861. Discovery of Coal Deposits in the Lyneah Valley, Sinde. *Journ. Bo. As. Soc.*, VI, 182—184.

Phillips, W. H.

1401 . 1911. Manufacture of Patent Fuel and Utility of Low Grade Coals. *Trans. Min. Geol. Inst. Ind.*, VI, 43—56.

Pickering, W. H.

1402—1. 1909. Notes on the Waters of Bikanir. *Trans. Min. Geol. Inst. Ind.*, IV, 149—153.

—2. 1906. A Serious Danger in Bengal Coal-mining. *Trans. Inst. Min. Eng.*, XXXII, 203—205.

—3. 1910. The Coal Deposits of India. *Coll. Guard.*, XCIX, 420—421 (Abst., *Journ. I. S. Inst.*, LXXXI, 568—569).

NATIONAL ARCHIVES OF INDIA

Pickering, W. H., *and* Simpson, R. R.

1403 . 1908. Fighting a Colliery Fire. *Trans. Min. Geol. Inst. Ind.*, II, 127—150.

Pictet, M. A.

1404 . 1801. Note on Flexible Stones. *Phil. Mag.*, Ser. 1, X, 277—278.

Piddington, H.

1405 1. 1829. Examination and Analysis of some Specimens of Iron Ore from Burdwan. *As. Res.*, XVIII. Pt. 1, 171—177; *Glean. Sci.*, I, 295—298.

—2. 1829. On the Fertilising Principle of the Inundations of the Húgli. *As. Res.*, XVIII, Pt. 1, 224—226.

—3. 1831. Analytical Examination of a Mineral Water from the Athan Hills, Tenasserim Province. *Glean. Sci.*, III, 24—26.

—4. 1835. Examination of a Mineral Exudation from Ghazni. *Journ. A. S. B.*, IV, 696—697 (Abst., *Ann. des Mines*, Ser. 3, XI, 472; *Bibl. Univ.*, N. S., VI, 173—174, I. M.; *Neu. Jahrb. f. Min.*, 1837, 681).

—5. 1836. On the Soils suitable for Cotton, Tobacco, Sugar and the Tea Plant. *Trans. Agri. Hort. Soc. Ind.*, III, 31—37.

—6. 1839. A Chemical Examination of Cotton Soils from North America, India, the Mauritius, and Singapore; with some practical deductions. *Trans. Agri. Hort. Soc. Ind.*, VI, 198—226.

—7. 1841. Examination and analysis of a soil brought from the Island of Chedooba, by Capt. Halstead, of H. M. S. "Childers." *Journ. A. S. B.*, X, 436—438.

—8. 1841. Report on the Soils brought from Chedooba, by H. M. S. "Childers." *Journ. A. S. B.*, X, 447—449.

—9. 1841. Note on the Fossil Jaw, sent from Jubbulpore by Dr. Spilsbury. *Journ. A. S. B.*, X, 620—625.

NATIONAL ARCHIVES OF INDIA

Piddington, H.—*contd.*

1405—10. 1841. Report to the Secretary of the Board of Customs, Salt and Opium, on the Salts, called Puckwah and Phool-Kharee; with a process for detecting the adulteration of Government Salt; estimates of the quantities of both Salts annually produced, and of the amount of loss which the Revenue may sustain through the production of these two articles. *Journ. A. S. B.*, X, 939—957.

—11. 1842. Memorandum on the Museum of Economic Geology of India. *Journ. A. S. B.*, XI, 322—326.

—12. 1842. [Report on a specimen of limestone from Darjeeling]. *Journ. A. S. B.*, XI, 471].

—13. 1842. [Note on specimens of argentiferous galena received from Major Ouseley]. *Journ. A. S. B.*, XI, 892.

—14. 1843. [On specimens of Native Copper from Round Island, Arracan]. *Journ. A. S. B.*, XII, 333—334.

—15. 1843. [On specimens from a Mud Volcano near Kyook Phyoo, Ramree Island]. *Journ. A. S. B.*, XII, 336.

—16. 1843. [Report on a specimen of Galena from Hisato, in Chota Nagpur]. *Journ. A. S. B.*, XII, 736—738.

—17. 1843. [Report on specimens of Sulphur from Kurachee]. *Journ. A. S. B.*, XII, 834—835.

—18. 1844. Examination of a remarkable Red Sandstone from the junction of the Diamond Limestone and Sandstone at Nurnoor in the Kurnool Territory, Southern India. *Journ. A. S. B.*, XIII, 336—339.

—19. 1844. A Chemical examination of the Manicgaon Aerolite. *Journ. A. S. B.*, XIII, 884—886.

—20. 1845. Report on a Specimen of Lignite, from Assam (?). *Journ. A. S. B.*, XIV, *Proc.* lxxxv.

—21. 1846. [Note on gem sands from Ava]. *Journ. A. S. B.*, XV, *Proc.*, lxi.

NATIONAL ARCHIVES OF INDIA

Piddington, H.—*contd.*

1405—22. 1846. Examination of an Ore of Cerium from Southern India. *Journ. A. S. B.*, XV, *Proc.*, lxii—lxiv.

—23. 1846. Report on the ore of Lead and Antimony sent by Lieut.-Col. Ouseley from Hisato, Chota Nagpore. *Journ. A. S. B.*, XV, *Proc.*, lxiv—lxvi.

—24. 1847. Notice of Tremenheerite, a new carbonaceous mineral. *Journ. A. S. B.*, XVI, 369—371.

—25. 1847. On a new kind of Coal, being Volcanic Coal, from Arracan. *Journ. A. S. B.*, XVI, 371—373.

—26. 1847. An account of a Volcanic Island off the Coast of Coromandel, from the Annual Register, Vol. 1st, 1758. *Journ. A. S. B.*, XVI, 499—500.

—27. 1847. Notice on the Ferruginous Spherules imbedded in sandstone from Lullutpore, in Bundelcund. *Journ. A. S. B.*, XVI, 711—713.

—28. 1847. [Note on copper ore sent by Dr. Spilsbury from Sahgurh]. *Journ. A. S. B.*, XVI, 724.

—29. 1847. Description and Analysis of the new Mineral Newboldite, sent from Southern India by Capt. Newbold, Madras N. I., Assistant to the Resident of Kurnool. *Journ. A. S. B.*, XVI, 1129—1135.

—30. 1847. [Note on Ball Coal from the Burdwan Mines]. *Journ. A. S. B.*, XVI, 1269—1270.

—31. 1847. [Note on Lead Ore from the neighbourhood of Bhagalpore]. *Journ. A. S. B.*, XVI, 1270.

—32. 1848. Examination and Analysis of the Ball Coal of the Burdwan Mines. *Journ. A. S. B.*, XVII, 59—61.

—33. 1848. On the great Diamond in the possession of the Nizam. *Journ. A. S. B.*, XVII, 151—153.

NATIONAL ARCHIVES OF INDIA

Piddington, H.—*contd.*

1405—34. 1848. Description and Analysis of a large mass of Meteoric Iron, from the Kurruckpore Hills, near Monghyr. *Journ. A. S. B.*, XVII, Pt. 2, 538—550; XVIII, 171—172.

—35. 1849. A Notice of a very remarkable local deviation of the Compass near Saugor in Bundelcund, communicated by Capt. J. H. Campbell. *Journ. A. S. B.*, XVIII, 410—411.

—36. 1849. Further Remarks on the Ball Coal of the Burdwan mines. *Journ. A. S. B.*, XVIII, 412—413; XIX, 75—77 (Abst., *Amer. Journ. Sci.*, Ser. 2, XIII, 118).

—37. 1850. Examination and analysis of an orange yellow Earth brought from the Sikkim Territory by Dr. Campbell, and said to be used there as a cure for Goitre. *Journ. A. S. B.*, XIX, 143—145.

—38. 1850. On Calderite, an undescribed Silico-Iron-and-Manganese Rock, from the District of Burdwan. *Journ. A. S. B.*, XIX, 145—148.

—39. 1850. Examination of the New Mineral Haughtonite (a compound of Carbonate of Lead and Sulphate of Barytes). *Journ. A. S. B.*, XIX, 452—454.

—40. 1850. [Note on "Samy Stones" (Corundum) from Nagpore]. *Journ. A. S. B.*, XIX, 489—490.

—41. 1851. Detailed Report on the Copper Ores of the Deoghur mines. *Journ. A. S. B.*, XX, 1—13 (Abst., *Min. Journ.*, XX, 370; XXI, 11).

—42. 1851. On a series of Calderite Rocks. *Journ. A. S. B.*, XX, 207—210.

—43. 1851. Examination and Analysis of the Shalka Meteorite (Zillah West Burdwan). *Journ. A. S. B.*, XX, 299—314.

—44. 1851. Analysis of Coal from the Mootee Jhurna Falls and Galena from Bor Kamptee in Upper Assam. *Journ. A. S. B.*, XX, 366—367.

NATIONAL ARCHIVES OF INDIA

Piddington, H.—*contd.*

1405—45. 1851. Index to the Indian Geological, Mineralogical and Palæontological Papers and Analyses in the Journal of the Asiatic Society. *Journ. A. S. B.*, XX, 409—425.

—46. 1851. Report on a supposed specimen of Lignite from Katmandoo. *Journ. A. S. B.*, XX, 626.

—47. 1852. Second Notice on the Argentiferous Ores of Deoghur. *Journ. A. S. B.*, XXI, 74—76; *Gazetteer of Beerbhoom*, 38—39.

—48. 1852. On Hircine, a new Resin. *Journ. A. S. B.*, XXI, 76—79.

—49. 1852. A Table of Analyses of Indian Coals; continued from that by Mr. Jas. Prinsep (in Vol. VII of Journal, p. 197) to the close of Vol. XIX for 1850; and including Dr. McClelland's Table in p. 73 of Coal Committee's Report No. II. *Journ. A. S. B.*, XXI, 270—274.

—50. 1852. Description of a cheap and simple apparatus for distilling off the Mercury from an Amalgam of Gold or Silver. *Journ. A. S. B.*, XXI, 403—406.

—51. 1852. [Note on graphite from Kursiong near Darjeeling]. *Journ. A. S. B.*, XXI, 538.

—52. 1853. [Note on Laterite and Lateritous Clays from Rangoon]. *Journ. A. S. B.*, XXII, 206—207.

—53. 1853. [Note on Iron Ore from the Korana Hills, Punjab]. *Journ. A. S. B.*, XXII, 207—209.

—54. 1853. Supplementary Notice on the new Mineral Resin, Hircine. *Journ. A. S. B.*, XXII, 279—280.

—55. 1853. Examination of a Sulphuret of Copper from the Barragunda Copper Mine. *Journ. A. S. B.*, XXII, 312.

—56. 1853. Report on a specimen of Jet Coal from the Chawa Nuddee, a tributary of the Teesta. *Journ. A. S. B.*, XXII, 313—314, 495.

NATIONAL ARCHIVES OF INDIA

Piddington, H.—*contd.*

1405—57. **1854.** On Nepaulite; a New Mineral from the neighbourhood of Kathmandoo. *Journ. A. S. B.*, XXIII, 170—173.

—58. **1854.** [Note on Iron Ores from the Koraṇa Hills, Punjab]. *Journ. A. S. B.*, XXIII, 204.

—59. **1854.** On the quantity of Silt held in suspension by the waters of the Hooghly at Calcutta, in each month of the year. *Journ. A. S. B.*, XXIII, 283—287.

—60. **1854.** Examination and Analysis of four specimens of Coal from the neighbourhood of Darjeeling. *Journ. A. S. B.*, XXIII, 381—386.

—61. **1854.** [Note on the Peat of Bengal]. *Journ. A. S. B.*, XXIII, 400—401.

—62. **1854.** Note [on Iron manufacture] to accompany a catalogue of iron ores, washings and smeltings, for the Railway Company. *Journ. A. S. B.*, XXIII, 402—403.

—63. **1854.** Examination and Analyses of Dr. Campbell's Specimens of Copper Ores obtained in the neighbourhood of Darjeeling. *Journ. A. S. B.*, XXIII, 477—479.

—64. **1854.** Examination and Analysis of two specimens of Coal from Ava. *Journ. A. S. B.*, XXIII, 714—717.

—65. **1854.** [Note on a specimen of coal from the Kyendwen river, Burma]. *Journ. A. S. B.*, XXIII, 747—748.

—66. **1855.** Memorandum on the Kunkurs of Burdwan as a flux for smelting the Iron Ores, and on some smelting of Iron Ores by Mr. Taylor, of that district. *Journ. A. S. B.*, XXIV, 212—215.

—67. **1855.** Report on two specimens of Cuttack Coal from the Talcheer Mines. *Journ. A. S. B.*, XXIV, 240—241.

—68. **1855.** [Remarks on the Segauli Meteorite]. *Journ. A. S. B.*, XXIV, 247.

—69. **1855.** [Note on gold dust from Midnapore]. *Journ A. S. B.*, XXIV, 250—251.

NATIONAL ARCHIVES OF INDIA

Piddington, H.—*concld.*

1405—70 **1855.** [Note on samples of Copper Ore from Darjeeling]. *Journ. A. S. B.*, XXIV, 251.

—71. **1855.** Examination and Analysis of a Coal from Cherra Punji. *Journ. A. S. B.*, XXIV, 283—284.

—72. **1855.** [Note on Paving-stone from Burdwan]. *Journ. A. S. B.*, XXIV, 704—706.

—73. **1855.** [Note on Copper Slags from Singboom]. *Journ. A. S. B.*, XXIV, 706.

—74. **1855.** [Report on Iron Ores from Cuttack]. *Journ. A. S. B.*, XXIV, 708—709.

—75. **1855.** Memorandum on Coal from Thayet Myo within the British territory in Ava and two miles from the banks of the Irrawaddy. *Journ. A. S. B.*, XXIV, 710.

—76. **1856.** A second series of experiments to ascertain the mean quantity of Silt held in suspension by the waters of the Hooghly in various months of the year: as also the quantity carried out to sea. With an Appendix on its sectional Area and average discharge. *Journ. A. S. B.*, XXV, 151—164.

—77. **1856.** Examination of three specimens of Bengal Mineral Waters. *Journ. A. S. B.*, XXV, 190—198.

—78. **1856.** [Analyses of Iron Ores from Kumaon]. *Journ. A. S. B.*, XXV, 364.

—79. **1856.** [Analysis of Lignite from the Nepal Terraie]. *Journ. A. S. B.*, XXV, 364—365.

—80. **1856.** [Analysis of Coal from Darjeeka, near Ranneegunge]. *Journ. A. S. B.*, XXV, 365.

—81. **1857.** Practical Notes on the best mode of obtaining the highest duty from Burdwan Coal as compared with English Coal. *Journ. A. S. B.*, XXVI, 254—257.

———, *see* **Campbell, A., 269.**

NATIONAL ARCHIVES OF INDIA

Pilgrim, Guy E.

1406—1. **1904.** Cretaceous fossils from Persia. *Rec. G. S. I.*, XXXI, 45.

—2. **1904.** Fossils from the Yenangyaung Oil-field, Burma. *Rec. G. S. I.*, XXXI, 103—104.

—3. **1904.** Pleistocene Fossils from the Ganges Alluvium. *Rec. G. S. I.*, XXXI, 176—177.

—4. **1905.** On the Occurrence of *Elephas antiquus* (*namadicus*) in the Godavari Alluvium, with remarks on the species, its distribution and the age of the associated Indian deposits. *Rec. G. S. I.*, XXXII, 199—218 (Abst., *La Géographie*, XIII, 51—52, C. Rabot).

—5. **1906.** Fossils of the Irrawaddy Series from Rangoon. *Rec. G. S. I.*, XXXIII, 157—158.

—6. **1906.** Notes on the Geology of a portion of Bhutan. *Rec. G. S. I.*, XXXIV, 22—30 (Abst., *Geogr. Journ.*, XXIX, 86—87; *Peterm. Mitth.*, LIII, *Litt.* 202, Oestreich).

—7. **1906.** Report on the Coal Occurrences in the Foot-hills of Bhutan. *Rec. G. S. I.*, XXXIV, 31—36.

—8. **1907.** Note on a cranium of *Boselaphus namadicus* Rütim. from the Narbada Pleistocene gravels of Jabalpur. *Rec. G. S. I.*, XXXV, 120—121.

—9. **1907.** Description of some new Suidæ from the Bugti Hills, Baluchistan. *Rec. G. S. I.*, XXXVI, 45—56 (Abst., *Revue Pal.*, XII, 74).

—10. **1908.** The Geology of the Persian Gulf and the adjoining portions of Persia and Arabia. *Mem. G. S. I.*, XXXIV, Pt. 4, 1—177.

—11. **1908.** The Tertiary and Post-Tertiary Freshwater Deposits of Baluchistan and Sind with notices of new Vertebrates. *Rec. G. S. I.*, XXXVII, 139—166 (Abst., *Revue Pal.*, XIII, 141—142).

NATIONAL ARCHIVES OF INDIA

Pilgrim, Guy E.—*contd.*

1406—12. **1910.** Notices of new Mammalian Genera and Species from the Tertiaries of India. *Rec. G. S. I.*, XL, 63—71 (Abst., *Revue Pal.*, XV, 84).

—13. **1910.** Preliminary note on a revised Classification of the Tertiary Freshwater Deposits of India. *Rec. G. S. I.*, XL, 185—205.

—14. **1912.** The Vertebrate Fauna of the Gaj Series in the Bugti Hills and the Punjab. *Pal. Indica*, N. S., IV, Pt. 2, 1—83 (Abst., *Revue Pal.*, XIX, 6—7, A. Thévenin).

—15. **1913.** Correction in Generic Nomenclature of Bugti Fossil Mammals. *Rec. G. S. I.*, XLIII, 74—75.

—16. **1913.** The Correlation of the Siwaliks with Mammal Horizons of Europe. *Rec. G. S. I.*, XLIII, 264—326.

—17. **1914.** Further description of *Indaretos salmontanus* Pilgrim, the new genus of Bear from the Middle Siwaliks, with some remarks on the Fossil Indian Ursidæ. *Rec. G. S. I.*, XLIV, 225—233.

—18. **1914.** Description of teeth referable to the Lower Siwalik Creodont genus *Dissopsalis* Pilgrim. *Rec. G. S. I.*, XLIV, 265—279.

—19. **1914.** Correction in Nomenclature of two Indian Fossil Mammals. *Rec. G. S. I.*, XLIV, 336.

—20. **1915.** New Siwalik Primates and their bearing on the question of the Evolution of Man and the Anthropoidea. *Rec. G. S. I.*, XLV, 1—74.

—21. **1915.** Note on the new feline genera *Sivaelurus* and *Paramachœrodus* and on the possible survival of the subphyllum in modern times. *Rec. G. S. I.*, XLV, 138—155.

—22. **1915.** The dentition of the Tragulid Genus *Dorcatune*. *Rec. G. S. I.*, XLV, 226—238.

NATIONAL ARCHIVES OF INDIA

Pissarro, G., *see* **Cossmann, M., 368.**

Pitblado, L.

1407 . 1898. Cyanide Practice as in use on the Kolar Gold Fields of India, with more special reference to the Mysore Company's Plant. *Journ. Soc. Chem. Ind.*, XVII, 126—127.

Pitt, G. N. A.

1408 . 1908. An Ignition of Coal Dust. *Trans. Min. Geol. Inst. Ind.*, III, 121—127.

Pittman, E. F.

1409 . 1892. On Flexible Sandstone. *Geol. Mag.*, Dec. 3, IX, 335.

Plath, J. J.

1410 . 1856. Neuentdeckte Erzlagerstätten in Vorder-Indien. *Zeits. f. allg. Erdk.*, VI, 246.

Playfair, G. R.

1411 . 1859. Note on Barren Island. *Sel. Rec. Govt. India*, XXV-A, 121—123.

Pogue, J. E.

1412 . 1915. The Turquoise. A Study of its History, Mineralogy, Geology, Ethnology, Archæology, Mythology, Folklore, and Technology. *Mem. Nat. Acad. Sci. Washington*, XII, Pt. 2, 1—162 (Review, *Nature*, XCVI, 239).

Pohlig, H.

1413 . 1892. Ueber Palæozoicum von Australien, Persien und Castilien. *Zeits. deutsch. Geol. Ges.*, XLIV, 151—152.

Pole, J.

1414—1. 1907. A few remarks on Prehistoric Stones in Ceylon. *Journ. Ceyl. As. Soc.*, XIX, 272—278.

—2. 1913. Ceylon Stone Implements. 8°, Calcutta (Review, *Spolia Zeyl.*, IX, 265—268, C. Hartley).

NATIONAL ARCHIVES OF INDIA

Pollexfen, J. J.

1415 . 1856. Report on the Rajpeepla and adjoining Districts; surveyed during the years 1852 to 1855. *Sel. Rec. Bo. Govt.*, N. S., XXIII, Pt. 1, 297—323.

Pollock, F. R., *see* **Bellew, H. W., 103—2.**

Pope, T. A., *see* **King, W., 989.**

Popovits, A.

1416 . 1874. Magnesiaglimmer von Ratnapura, Ceylon (Analysis). *Mineral. Mitth.*. IV, 241; *Jahrb. k. k. Geol. Reichsanst.*, XXIV, Pt. 2, 241.

Porro, Cesare, *and* **Cotter, G. deP.**

1417 . 1915. Geology of the country near Ngahlaingdwin, Minbu District, Burma. *Rec. G. S. I.*, XLV., 249—270.

Postans, T.

1418—1. 1839. Report on the Muncher Lake, Arrul and Narah Rivers. *Trans. Bo. Geogr. Soc.*, Pt. 6, 122—124; *Sel. Rec. Bo. Govt.*, N. S., XVII, Pt. 1, 391—393.

—2. 1843. Report on Upper Sindh and the Eastern portion of Cutchee, with a Memorandum on the Beloochee and other tribes of Upper Scinde and Cutchee, and a map of part of the Country referred to. *Journ. A. S. B.*, XII, 23—44.

—3. 1843. Personal Observations on Sindh; the Manners and Customs of its inhabitants; and its productive capabilities. 8°, 402 pp., London.

—4. 1844. Routes through Kach'hí Gandává. And an Account of the Belúchí and other Tribes in Upper Sind'h and Kach'hí. *Journ. R. Geogr. Soc.*, XIV, 193—218.

Postans, T., *and* **Knight, R. C.**

1419 . 1844. Reports on the Manchar Lake, and Aral and Narra rivers. *Journ. R. As. Soc.*, VIII, 381—389.

Postans, *Mrs.*

1420—1. 1838. Cutch; or Random Sketches, taken during a residence in one of the Northern Provinces of Western India. 8°, 283 pp., London.

NATIONAL ARCHIVES OF INDIA

Postans, *Mrs.—contd.*

1420—2. 1839. Western India in 1838. 8°, 2 Vols., London.

Pottinger, W.

1421 . 1834. On the Present State of the River Indus, and the Route of Alexander the Great. *Journ. R. As. Soc.*, I, 199—208.

————, *see* **Burnes,** *Sir* **A., 235**—12.

Powell, B. H. Baden, *see* **Baden-Powell, 60.**

Powell, G.

1422 . 1857. Note on an appearance of Coal at Nellore. *Mad. Journ. Lit. Sci.*, N. S., II, 291—292.

Powlett, P. W.

1423—1. 1874. Gazetteer of the Bikanir State. 8°, 153 pp., Calcutta.

—2. 1878. Gazetteer of Ulwar. 8°, 199 pp., London. (Appendix, Sect. III, p. 177, Geology, by C. A. Hacket).

Prain, *Sir* **D.**

1424—1. 1891. On the present condition of Barren Island. *Proc. A. S. B.*, 84—87.

—2. 1893. On the Flora of Narcondam and Barren Island. *Journ. A. S. B.*, LXII, Pt. 2, 39—86 (Abst., *Geogr. Journ.*, III, 234—236).

Prain, *Sir* **D.,** *and* **Masters, J. W.**

1425 . 1887. The hot springs of the Namba Forest in the Sibsagar District, Upper Assam. *Proc. A. S. B.*, 201—204.

Pratt, *Rev. Archdeacon* **J. H.**

1426—1. 1854. On the Attraction of the Himalaya Mountains, and of the elevated regions beyond them, upon the Plumb-line in India. *Phil. Trans.*, CXLV, 53—100 (Abst., *Proc. Roy. Soc.*, VII, 176—182).

—2. 1855. On the Curvature of the Indian Arc; and the great Geological Law, that the various parts of the Solid Crust of the Earth are perpetually undergoing a change of Level. *Phil. Mag.*, Ser. 4, X, 340—345.

NATIONAL ARCHIVES OF INDIA

Pratt, *Rev. Archdeacon* **J. H.**—*contd.*

1426—3. **1858.** On the Deflection of the Plumb-line in India, caused by the Attracti n of the Himalaya Mountains and of the elevated regions beyond; and its modification by the compensating effect of a Deficiency of Matter below the Mountain Mass. *Phil. Trans.*, CXLIX, 745—778 (Abst., *Proc. Roy. Soc.*, IX, 493—496, 701—702).

—4. **1858.** On the Figure of the Indian Meridian. *Phil. Mag.*, Ser. 4, XVI, 401—408.

—5. **1859.** On the influence of Mountain-Attraction on the determination of the relative heights of Mount Everest, near Darjeeling, and the lofty peak lately discovered near Kashmir. *Journ. A. S. B.*, XVIII, 310—316.

—6. **1859.** On the Influence of the Ocean on the Plumb-line in India. *Phil. Trans.*, CXLIX, 779—796 (Abst., *Proc. Roy. Soc.*, IX, 597—599).

—7. **1859.** On the Thickness of the Crust of the Earth. *Phil. Mag.*, Ser. 4, XVII, 327—332; XVIII, 259—262, 344—354; XX, 194—196.

—8. **1860.** On the physical difference between a rush of water like a torrent down a channel and the transmission of a Wave down a River—with reference to the Inundation of the Indus, as observed at Attock, in August 1858. *Journ. A. S. B.*, XXIX, 274—282.

—9. **1862.** Memorandum, showing the final result of .... calculations regarding the effect of Local Attraction upon the operations of the Great Trigonometrical Survey of India. *Journ. A. S. B.*, XXXI, 146—150.

—10. **1865.** On the degree of uncertainty which Local Attraction, if not allowed for, occasions in the Map of a Country, and in the Mean Figure of the Earth as determined by Geodesy; a Method of obtaining the Mean Figure free from ambiguity by a comparison of the Anglo-Gallic, Russian, and Indian Arcs; and Speculations on the Constitution of the Earth's Crust. *Journ. A. S. B.*, XXXIV, Pt. 2, 34—42.

NATIONAL ARCHIVES OF INDIA

Preedy, J.

1427 . 1843. [Letter forwarding specimens of sulphur from Ghizree Bunder, Kurrachee]. *Journ. A. S. B.*, XII, 833—834.

Preiswerk, H., *see* **Goldschmidt, V., 671.**

Preller, Du Riche

1428 . 1913. The Tsang-po and the Dihong. *Geogr. Journ.*, XLI, 293—295, 500—502.

Price, W. H.

1429 . 1867. Description of method used in preparing Hydraulic Lime in Sind, and particularly at Kurrachee. *Prof. Papers Ind. Eng.*, Ser. I, IV, 189—195.

Pridham, C.

1430 . 1849. An Historical, Political and Statistical Account of Ceylon and its Dependencies. 8°, 2 Vols., London.

Primrose, A.

1431—1. 1900. Notes on Prospecting Work [in Mysore] from August 1894 to end of December 1895. *Rec. Mysore Geol. Dep.*, I, 19—24.

—2. 1900. Account of Prospecting Work [in Mysore] for the year 1896. *Rec. Mysore Geol. Dep.*, I, 45—53.

—3. 1900. Report of Prospecting Work [in Mysore] done during the year 1897. *Rec. Mysore Geol. Dep.*, I, 79—82.

—4. 1901. Report on old [Gold] workings near Tarikere. *Rec. Mysore Geol. Dep.*, II, 57—59.

—5. 1901. Report on Nandi old workings [Gold]. *Rec. Mysore Geol. Dep.*, II, 60—61.

—6. 1901. Notes of Geological Work in the Gundlepet Taluk in 1898. *Rec. Mysore Geol. Dep.*, II, 62—69.

—7. 1901. Report on the Distribution of Laterite in the Kolar District with Remarks on other Rocks associated with it. *Rec. Mysore Geol. Dep.*, II, 70—81.

NATIONAL ARCHIVES OF INDIA

Primrose, A.—*contd.*

1431—8. 1902. Report on Economic Mineral Products of the Bangalore, Kolar, Tumkur and Mysore Districts. *Rec. Mysore Geol. Dep.*, III, 204—239.

—9. 1903. Notes on Magnesite in the Mysore District. *Rec. Mysore Geol. Dep.*, IV, 147—157.

—10. 1903. Final Notes on Economic Mineral Products after visiting the Kadur and Hassan Districts. *Rec. Mysore Geol. Dep.*, IV, 162—179.

Pringle, E. W.

1432 . 1877. Extension of the Malabar Coast. *Geogr. Mag.*, IV, 230—232.

Pringle, H. A.

1433 . 1910. Notes on the Economics of Coal Mining in Bengal. *Trans. Min. Geol. Inst. Ind.*, V, 41—58.

Prinsep, G. A.

1434—1. 1832. On the Temperature and Saltness of the River Hugli, from Calcutta to the Sea. *Journ. A. S. B.*, I, 104—109.

—2. 1838. On a remarkable heat observed in masses of Brine kept for some time in large reservoirs. *Journ. A. S. B.*, VII, 207—211 (Abst., *Phil. Mag.*, XIV, 26—32).

Prinsep, H. T.

1435—1. 1832. Extracts from Dr. Royle's Explanatory Address on the Exhibition of his collections in Natural History, at the Meeting of the Asiatic Society, on the 7th March. *Journ. A. S. B.*, I, 96—100 (Abst., *Bibl. Univ.*, LV, *Sci.*, 1—8; *Bull. Soc. Géol. France*, Ser. 1, V, 398—399).

—2. 1842. [Note on an Earthquake in Calcutta, 11th November, 1842]. *Journ. A. S. B.*, XI, 1201.

Prinsep, J.

1436—1. 1825. Analysis of a Mineral Water. *As. Res.*, XV, Appendix, xiv.

—2. 1827. Account of the Azim Gerh aerolite. *As. Journ.*, XXIV, 753—754.

NATIONAL ARCHIVES OF INDIA

Prinsep, J.—*contd.*

1436—3. 1829. On the Rise and Progress of the Lithographic Art in India, with a brief Notice of the Native Lithographic Stones of that country. *Glean. Sci.*, I, 54—56.

—4. 1830. Examination of the Minerals collected by E. Stirling, Esq., at the Turquoise Mines, near Nishapur in Persia. *Glean. Sci.*, II, 375—379.

—5. 1831. Examination of the Water of several Hot Springs on the Arracan Coast: from specimens preserved in the Museum of the Asiatic Society. *Glean. Sci.*, III, 16—18.

—6. 1831. Examination of a Metallic Button, supposed to be Platina, from Ava. *Glean. Sci.*, III, 39—42.

—7. 1831. Report on the Experimental Boring for Fresh Water in Fort William. *Glean. Sci.*, III, 124—125.

—8. 1831. Chemical Analyses. 1. Water from the Katkamsandi hot spring. 2. Kankar from Gazipur. 3. Iron Sand from Raniganj. 4. Graphite from Ceylon. 5. Varieties of Indian Coal. *Glean. Sci.*, III, 277—284 (Abst., *Edin. N. Phil. Journ.*, XIII, 346—348; *Ann. des Mines*, Ser. 3, V, 523; VI, 266—267; *Neu. Jahrb. f. Min.*, 1833, 552—553).

—9. 1831. On the supposed Adulteration of Banca Tin. *Glean. Sci.*, III, 332—334.

—10. 1832. Examination of Minerals from Ava. *Journ. A. S. B.* I, 14—17, 305.

—11. 1832. [Note on the Salem Iron Works]. *Journ. A. S. B.*, I, 253—255.

—12. 1832. Note on the Jabalpur Fossil Bones. *Journ. A. S. B.*, I, 456—458 (Abst., *Neu. Jahrb. f. Min.*, 1834, 727).

—13. 1833. Note on the discovery of Platina in Ava. *As. Res.*, XVIII, Pt. 2, 279—284 (Abst., *Neu. Jahrb. f. Min.*, 1836, 384).

NATIONAL ARCHIVES OF INDIA

Prinsep, J.—*contd.*

1436—14. **1833.** Chemical Analyses.—(1) Three specimens of soil from sugar-cane fields, (2) Slaty anthracite from the hills south of Fatehpur, Hoshangabad District, (3) Peat of the Calcutta Alluvium ....., (7) Argentiferous Galena from the Bor Khamti country. *Journ. A. S. B.*, II, 434—438.

—15. **1833.** Note on the Fossil Bones discovered near Jabalpur. *Journ. A. S. B.*, II, 583—588.

—16. **1833.** Note on the Coal discovered at Khyuk Phyu, in the Arracan District. *Journ. A. S. B.*, II, 595—597.

—17. **1833.** On the Occurrence of the Bones of Man in the Fossil State. *Journ. A. S. B.*, II, 631—635.

—18. **1834.** Illustration of Herodotus' account of the mode of obtaining gold dust in the deserts of Kobi. *Journ. A. S. B.*, III, 206—207.

—19. **1834.** Note on the Fossil Bones of the Nerbudda Valley, discovered by Dr. G. G. Spilsbury, near Narsinghpur, etc. *Journ. A. S. B.*, III, 396—403.

—20. **1834.** [Note on Gold Mines in Malabar]. *Journ. A. S. B.*, III, 474.

—21. **1834.** [On native processes of refining Gold]. *Journ. A. S. B.*, III, 624—628.

—22. **1835.** Note on Fossil Bones from the Jumna River. *Journ. A. S. B.*, IV, 500—506.

—23. **1835.** Chemical Analyses; (1) Saltness of the Red Sea; (2) Native Carbonate of Magnesia from South India; (3) Tin from Malacca; (4) Water from Hot Springs in Assam; (5) Mineral Water from Ava; (6) Minerals from Moulmein; (7) Sulphuret of Molybdenum. *Journ. A. S. B.*, IV, 509—514 (Abst., (2) *Ann. des Mines*, Ser. 3, XI, 475—476).

—24. **1835.** Analysis of Copper Ore from Nellore; with notice of the Copper Mines at Ajmir and Singhana. *Journ. A. S. B.*, IV, 574—584.

NATIONAL ARCHIVES OF INDIA

Prinsep, J.—*concld.*

1436—25. 1836. Catalogue of a Second Collection of Fossil Bones presented to the Asiatic Society's Museum by Colonel Colvin. *Journ. A. S. B.*, V, 179—184.

—26. 1836. On Specimens of the Soil and Salt from the Samar, or Sambhur Lake salt-works, collected by Lieut. Arthur Conolly, and analysed by Mr. J. Stephenson. *Journ. A. S. B.*, V, 798—806.

—27. 1836. Analysis of the Nellore Copper Ores. *Mad. Journ. Lit. Sci.*, III, 154—159.

—28. 1836. Analyses of Native Carbonate of Magnesia from South India. *Mad. Journ. Lit. Sci.*, IV, 232—234. (Abst., Bibl. *Univ.*, N. S., VII, 193—194, I. M.).

—29. 1837. [Notes on Fossil Bones from the Boring in Fort William]. *Journ. A. S. B.*, VI, 235—237, 321, 498, 897; *Mad. Journ. Lit. Sci.*, VII, 474—476.

—30. 1838. Table of Indian Coal analyzed at the Calcutta Assay Office, including those published in the "Gleanings in Science," September 1831, arranged according to localities, extracted from the Report of the Coal Committee. *Journ. A. S. B.*, VII, 197—199.

—31. 1838. Report on Mergui Coal. *Journ. A. S. B.*, VII, 705—706.

—32. 1838. Report on ten specimens of Coal forwarded by Capt. Burnes from Western India. *Journ. A. S. B.*, VII, 848—854.

—33. 1838. Report upon the Coal beds of Assam. *Journ. A. S. B.*, VII, 948—959.

———, *see* **Kalikishen, Raja, 963.**

Prior, G. T.

1437—1. 1893. On Fergusonite from Ceylon. *Mineral. Mag.*, X, 234—238 (Abst., *Zeits. f. Kryst.*, XXV, 300, C. Hintze).

—2. 1913. The Meteoric Stones of Baroti, Punjab, India, and Wittekrantz, South Africa. *Mineral. Mag.*, XVII, 22—32.

NATIONAL ARCHIVES OF INDIA

Prior, G. T.—*contd.*

1437—3. 1914. Chemical Analysis of Meteoric Stones: Re-determination of Nickel and Iron in the Baroti and Wittekrantz Meteorites. *Mineral. Mag.*, XVII, 132—134.

————, *see* **Smith, G. F. Herbert, 1659.**

Prior, G. T., *and* Coomaraswamy, A. K.

1438 . 1902. Serendibite, a new borosilicate from Ceylon. *Mineral. Mag.*, XIII, 224—227 (Abst., *Nature*, LXV, 383; *Neu. Jahrb. f. Min.*, 1904, I, *Ref.* 25, K. Busz; *Zeits. f. Kryst.*, XLI, 411—412, C. Hintze; *Geol. Centralbl.*, III, 516).

Pritchard, B. E. A.

1439 . 1914. A Journey from Myitkyina to Sadiya *viâ* the N'mai Hka and Hkamti Long. *Geogr. Journ.*, XLIII, 521—535.

Pulford, R. R.

1440 . 1896. Reports on the Gohna Lake. *Sel. Rec. Govt. India*, CCCXXIV, 9—25.

Pumpelly, Raphael

1441 . 1905. Explorations in Turkestan; with an Account of the Basin of Eastern Persia and Sistan. *Carnegie Inst.*, No. 26 (Review, *Nature*, LXXII, 366—367, G. A. J. Cole; *Amer. Journ. Sci.*, Ser. 4, XX, 245—252).

Pumpelly, R. W.

1442 . 1905. Physiographic Observations between the Syr Darya and Lake Kara Kul, on the Pamir, in 1903. *Carnegie Inst.*, No. 26, 122—155.

Purdon, W. H.

1443—1. 1853. [Memorandum to accompany some specimens of Iron Ore from the Karana Hills, Punjab]. *Journ. A. S. B.*, XXII, 207—208.

—2 1859. On the Trigonometrical Survey and Physical Configuration of the Valley of Kashmir. *Journ. R. Geogr. Soc.*, XXXI, 14—30 (Abst., *Proc. R. Geogr. Soc.*, IV, 31—33).

————, *see* **Davidson, T., 431—1.**

NATIONAL ARCHIVES OF INDIA

Pye-Smith, A.

1444 . 1870. Report on the Manufacture of Ransome's Artificial Stone in Bombay, 1869. *Prof. Papers Ind. Eng.*, Ser. 1, VII, 264—273.

———, *see* **Tremenheere, C. W., 1801—3.**

Pyle, J. C.

1445 . 1842. Correspondence relative to the manufacture of Glass and Earthenware in India. *Cal. Journ. Nat. Hist.*, II, 589—595.

Pyle, W.

1446 . 1843. List of some of the articles which have been made at the Fatehpore Flintware Factory. *Cal. Journ. Nat. Hist.*, III, 152.

Q

Quigley, J. H.

1447 . 1850. Wanderings in the Islands of Interview (Andaman), Little and Great Coco. 12°, Moulmein.

R

R., — T.

1448—1. 1830. On the Manufacture of the Sylhet Lime. *Glean. Sci.*, II, 61—63.

—2. 1834. Note on the Locality of Rajagriha, and Description of the Town of that Name in Behar, and of a Hot Spring in the neighbouring Hills. *Journ. A. S. B.*, III, 366.

Rabot, C.

1449—1. 1904. Le nom de la plus haute montagne du globe, Everest ou Gaurisankar. *La Géographie*, X, 315—317.

—2. 1905. Glacial Reservoirs and their outbursts. *Geogr. Journ.*, XXV, 534—548.

NATIONAL ARCHIVES OF INDIA

Raghavendra Row, S.

1450 . 1912. Report on the Geology of parts of Krishnarajpete, Yedatore and Nagamanagala Taluks of the Mysore District, and part of the Channarayapatna Taluk of the Hassan District. *Rec. Mysore Geol. Dep.*, XII, Pt. 2, 129—142.

Rahem, Abder

1451 . 1881. The Salt Caves and Mines in the Persian Gulf. *Journ. Soc. Arts.*, XXIX, 735—736.

Rainey, H. J.

1452 -1. 1868. What was the Sundarban originally, and when, and wherefore did it assume its existing state of utter desolation? *Proc. A. S. B.*, 264—265 (Abst., *Bull. Soc. Géogr.*, Ser. 5, XVIII, 153—157, E. Cortambert).

—2. 1869. [Note on three ancient maps of the Sundarban]. *Proc. A. S. B.*, 220—221.

—3. 1870. [Note on the Barisal Guns]. *Proc. A. S. B.*, 243—244, 291.

—4. 1888. [Letter on the Barisal Guns]. *Proc. A. S. B.*, 101—102.

—5. 1890. Note on the Barisal Guns, the existence of volcanic vents in the direction of those sounds. *Proc. A. S. B.*, 8—9.

Rainey, J. R.

1453 . 1891. The Sunderban: its Physical features and Ruins. *Proc. R. Geogr. Soc.*, N. S., XIII, 273—287.

Raisin, *Miss* C. A.

1454—1. 1902. Perim Island and its relations to the area of the Red Sea. *Geol. Mag.*, Dec. 4, IX, 132—133.

—2. 1902. Notes on the Geology of Perim Island. *Geol. Mag.*, Dec. 4, IX, 206—210.

———, *see* **Bonney, *Rev.* T. G., 170.**

NATIONAL ARCHIVES OF INDIA

Ramaswami Sivan, M R., *see* **Harrison, W. H., 773.**

Rammelsberg, C.

1455—1. 1870. Ueber die Zusammensetzung des Wootz oder indischen Stahls. *Ber. deutsch. chem. Ges.*, III, 460—462 (Abst., *Chem. News*, XXII, 46).

—2. 1870. Ueber die Zusammensetzung der Meteorite von Shalka und von Hainholz. *Monatsb. k-preuss. Akad. Wiss.*, 314—326; *Pogg. Ann.*, CXLI, 275—287 (Abst., *Chem. News*, XXII, 95).

Ramond, G.

1456 . 1895. Géologie des Indes Anglaises (Stratigraphie et Tectonique) d'après la nouvelle édition de "A Manual of the Geology of India," élaborée par M. R. D. Oldham. *Ann. Géol. Univ.*, X, 595—654.

Ramsay, *Sir* W.

1457 . 1904. A New Mineral from Ceylon. *Nature*, LXIX, 533, 559.

Ranking, J. L.

1458 . 1859. Memorandum on the Geology of Thayet Myo. *Mad. Journ. Lit. Sci.*, N. S., V, 55—59.

Raper, F. V.

1459 . 1810. Narrative of a survey for the purpose of discovering the sources of the Ganges. *As. Res.*, XI, 446—563.

Ratton, J. J. L.

1460 . 1880. The ultimate Source of Common Salt. *Mad. Journ. Lit. Sci.*, for 1879, 135—166.

Ravenshaw, E. C.

1461—1. 1841. Report on the Coal of Palamow. *Coal. Com. Rep.*, 1841, Appendix No. 5, viii—x.

—2. 1845. Memorandum on the Ancient bed of the River Soane and Site of Palibothra. *Journ. A. S. B.*, XIV, 137—154.

NATIONAL ARCHIVES OF INDIA

Ravenshaw, E. J.

1462 . 1833. [Note on coal and gold in the hills in the Northern portion of the Moradabad District]. *Journ. A. S. B.*, II, 264—266.

Raverty, H. G.

1463—1. 1857. An Account of the mountain district forming the western boundary of the Lower Derájât, commonly called Roh, with notices of the tribes inhabiting it. *Journ. A. S. B.*, XXVI, 177—206.

—2. 1859. Notes on Kafiristan. *Journ. A. S. B.*, XXVIII, 317—368.

—3. 1862. An account of Upper and Lower Suwát, and the Kohistan, to the source of the Suwát River; with an account of the tribes inhabiting those valleys. *Journ. A. S. B.*, XXXI, 227—281.

—4. 1892. The Mihrán of Sind and its Tributaries: A Geographical and Historical Study. *Journ. A. S. B.*, LXI, Pt. 1, 155—297.

Rawling, C. G.

1464—1. 1905. Exploration of Western Tibet. *Geogr. Journ.*, XXV, 414—429 (Abst., *La Géographie*, XIII, 114—116, J. Deniker).

—2. 1905. The Great Plateau: being an account of Exploration in Central Tibet, 1903, and of the Gartok Expedition, 1904—1905. 8°, 319 pp., London.

Rawlinson, *Sir* H. C.

1465—1. 1866. On the Recent Journey of Mr. W. H. Johnson from Leh, in Ladakh, to Ilchi in Chinese Turkestan. *Proc. R. Geogr. Soc.*, XI, 6—14.

—2. 1873. Notes on Seistan. *Journ. R. Geogr. Soc.*, XLIII, 272—294 (Abst. *Proc., R. Geogr. Soc.*, XVII, 92—95).

—3. 1873. Observations on Badakhshán and Wakhán. *Proc. R. Geogr. Soc.*, XVII, 108—116.

—4. 1874. The Geographical Results of Mr. Forsyth's Mission to Kashgar. *Proc. R. Geogr. Soc.*, XVIII, 414—444.

NATIONAL ARCHIVES OF INDIA

Reader, G. F.

1466—1. **1900.** Preliminary Report on the Rampur Coal-field. *Gen. Rep. G. S. I.*, 1899—1900, 63—69.

—2. **1900.** Preliminary Report on the Sohagpur coal-field. *Gen. Rep. G. S. I.*, 1899—1900, 69—73.

—3. **1901.** Report on the Rampur Coal-field. *Mem. G. S. I.*, XXXII, 89—124 (Abst., *Journ. I. S. Inst.*, LXI, 461; *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 438—439, J. Noetling; *Geol. Centralbl.*, III, 205, H. H. Hayden).

Reckendorf, S.

1467 . **1845.** Notes on the Pokree and Dhanpur Copper Mines in Gherwal. *Journ. A. S. B.*, XIV, 471—476; *Kumaon*, 385—390.

Redlich, K.

1468 . **1899.** The Cambrian Fauna of the Eastern Salt-Range. *Pal. Indica*, N. S., I., Pt. I, 1—13 (Abst., *Revue Pal.*, V, 132; *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 260—261, Frech).

Redwood, *Sir* Boverton.

1469—1. **1890.** The Oil-fields of India: Notes on the Petroleum Deposits of Burma, Assam, the Punjab, and Baluchistan. *Journ. Soc. Chem. Ind.*, IX, 359—370 (Abst., *Journ. I. S. Inst.*, XXXVI, 236—237).

—2. **1896.** Petroleum: A Treatise on the Geographical Distribution and Geological Occurrence of Petroleum and Natural Gas. 8°, 2 Vols., London: 2nd Edn., 1906: 3rd Edn., 3 Vols., 1913.

Reed, F. R. Cowper.

1470—1. **1906.** The Lower Palæozoic Fossils of the Northern Shan States, Burma. *Pal. Indica*, N. S., II, Pt. 3, 1—154 (Abst., *Revue Pal.*, XI, 196—197; XII, 24—25, 33—34).

—2. **1908.** The Devonian Faunas of the Northern Shan States. *Pal. Indica*, N. S., II, Pt. 5, 1—183 (Abst., *Revue Pal.*, XIV, 28—29).

NATIONAL ARCHIVES OF INDIA

Reed, F. R. Cowper—*contd.*

1470—3. 1908. Notes on some Fossils from Nepal. *Geol. Mag.*, Dec. 5, V, 256—261.

—4. 1910. The Cambrian Fossils of Spiti. *Pal. Indica*, Ser. XV, VII, Pt. I, 1—71.

—5. 1910. Pre-Carboniferous Life Provinces. *Rec. G. S. I.*, XL, 1—35.

—6. 1911. Devonian Fossils from Chitral, Persia, Afghanistan and the Himalayas. *Rec. G. S. I.*, XLI, 86—114.

—7. 1912. Ordovician and Silurian Fossils from the Central Himalayas. *Pal. Indica*, Ser. XV, VII, Pt. 2, 1—168.

—8. 1912. Silurian Fossils from Kashmir. *Rec. G. S. I.*, XLII, 16—33.

—9. 1913. Further notes on the species "*Camarocrinus asiaticus*" from Burma. *Rec. G. S. I.*, XLIII, 335—338.

—10. 1915. Supplementary Memoir on New Ordovician and Silurian Fossils from the Northern Shan States. *Pal. Indica*, N. S., VI, Pt. 1, i-vii+1—100.

———, *see* **Brown, J. Coggin, 212.**

Reeves, E. A.

1471 . 1902. The Deflection of the Plumb-line in India. *Geogr. Journ.*, XIX, 615—618.

Reichenheim, O., *see* **Koenigsberger, J., 1005.**

Reid, P. B.

1472 . 1846. Report on the Stone Quarries in the District of Agra. *Sel. Rec. Govt. N.-W. P.*, I, Pt. 2, No. X, 86—94; *Ibid.*, N. S., V, 284—295.

Rennell, J.

1473—1. 1779. A Bengal Atlas, containing Maps of the Theatre of War and Commerce on that side of Hindoostan. Fol. London. 2nd Edn., 1781 (Reprint, 1910, Calcutta).

NATIONAL ARCHIVES OF INDIA

Rennell, J.—*contd.*

1473—2. 1781. An Account of the Ganges and Burrampooter Rivers. *Phil. Trans.*, LXXI, 87—114; *Abridg.*, XV, 39—50.

—3. 1788. Memoir of a Map of Hindoostan; or the Mogul Empire: with an Introduction, illustrative of the Geography and Present Division of that Country: and a Map of the Countries situated between the Heads of the Indus, and the Caspian Sea. To which is added, an Appendix, containing an Account of the Ganges and Burrampooter Rivers. 4°, 295 pp., London. 2nd Edn., 1791; 3rd Edn., 1793 (Review, *Bibl., Brit.*, VIII, *Litt.*, 310—346).

—4. 1793. Memoir of a Map of the Peninsula of India; from the latest authorities: exhibiting its natural, and political divisions. 4°, 51 pp., London.

———, *see* **Bernoulli, J., 113.**

———, *see* **Hirst, F. C., 840.**

———, *see* **La Touche, T. H. D., 1034**—36.

———, *see* **Markham, *Sir* C. R., 1173**—17.

Reuning, E.

1474 . 1908. Goldbergbau in South Mahratta, insbesondere die Goldfelder zu Dharwar in Vorderindien. *Zeits. f. prakt. Geol.*, XVI, 483—487 (Abst., *Neu. Jahrb. f. Min.*, 1911, I, *Ref.* 86, A. Sachs; *Zeits. f. Kryst.*, XLIX, 505—506, E. Kaiser; *Trans. N. E. Inst. Min. Eng.*, LX, *App.* 20—21, L. L. B.).

Reyer, E.

1475 . 1879. Zinn in Birma, Siam, und Malakka. *Oesterr. Zeits. f. Berg—u. Hüttenw.*, XXVII, 563—564, 575—576.

Reynolds, R.

1476 . 1853. Chemical examination of a specimen of Native Carbonate of Soda [from the Lonar Lake]. *Pharm. Journ.*, XII, 517.

NATIONAL ARCHIVES OF INDIA

Rice, L.

1477 . 1877. Mysore and Coorg. A Gazetteer compiled for the Government of India. 8°, 3 Vols., Bangalore (Vol. 1 contains (pp. 12—41) notes on the Geology compiled from Capt. Newbold's papers in *Journ. Roy. As. Soc.* VIII, IX, XII).

Richardson, D.

1478—1. 1830. Notice of a recent journey into Northern Laos. *Glean. Sci.*, II, 211—216.

—2. 1831. [On specimens of Coal from Gendah (Kendat) on the Kuendwen]. *Glean. Sci.*, III, 125.

—3. 1833. Journal of a March from Ava to Kendat, on the Khyendwen River, performed in 1831. *Journ. A. S. B.*, II, 59—70.

—4. 1837. Abstract Journal of an expedition from Moulmein to Ava through the Kareen country, between December 1836 and June 1837. *Journ. A. S. B.*, VI, 1005—1022.

—5. 1839. Journal of a Mission from the Supreme Government of India to the Court of Siam. *Journ. A. S. B.*, VIII, 1016—1036; IX, 219—250.

———, *see* **Blundell, E. A., 158.**

Richter, *Rev.* G.

1479 . 1870. Manual of Coorg: a Gazetteer of the Natural Features of the Country and the Social and Political Condition of its Inhabitants. 8°, 474 pp., Mangalore.

Richthofen, F. *von.*

1480—1. 1860. Bemerkungen über Ceylon. *Zeits. deutsch. Geol. Ges.*, XII, 523—531 (Abst., *Neu. Jahrb. f. Min.*, 1862, 738—740).

—2. 1862. Bemerkungen über Siam und die hinterindische Halbinsel. *Zeits. deutsch. Geol. Ges.*, XIV, 361—368.

NATIONAL ARCHIVES OF INDIA

Richthofen, F. *von—contd.*

1480—3. 1862. Schreiben aus Calcutta. *Jahrb. k. k. Geol. Reichsanst*, XII, *Verhandl*, 244—245.

—4. 1874. Ueber Stoliczka's Reise nach Yarkand und über den Stein Yü. *Zeits. deutsch. Geol. Ges.*, XXVI, 615.

—5. 1875. Ueber Stoliczka's Forschungen in Ost-Turkestan. *Zeits. deutsch. Geol. Ges.*, XXVII, 240—242.

Ricketts, H.

1481—1. 1854. [Report on Copper Mines in Dhalbhum and Singbhum.] *Journ. A. S. B.*, XXIII, 396—398.

—2. 1854. Report on the districts of Singbhum. *Sel. Rec. Beng. Govt.*, XVI, 63—116.

Ridley, H. N.

1482—1. 1891. Discovery of a Stone Implement in Singapore. *Journ. Str. As. Soc.*, XXIII, 141—142.

—2. 1891. Diamonds in the Malay Peninsula. *Journ. Str. As. Soc.*, XXIV, 166.

—3. 1894. On an Earthquake in the Malay Peninsula, May 17, 1892. *Journ. Str. As. Soc.*, XXV, 169—171.

—4. 1898. Report on Caves in Selangor, Malay Peninsula. *Rep. Brit. Assoc.*, LXXVIII, 572—582.

Rigaud, F.

1483 . 1890. Le grès flexible de Calcutta. *Ann. Géol. Univ.*, 779—780 (Abst., by G. Ramond from *Bull. Soc. Sci. Nat. Nîmes*, 18th année, XXIX).

Rigby, C. P.

1484—1. 1846. Account of a Collection of Geological Specimens for presentation to the Museum of the Bombay Asiatic Society, etc. *Trans. Bo. Geogr. Soc.*, VII, 128—129.

—2. 1850. A Report on "Torun Mal" in the Satpoora Mountains, in the Sultanpoor Talooka of the Collectorate of Khandesh. *Trans. Bo. Geogr. Soc.*, IX, 1—9.

NATIONAL ARCHIVES OF INDIA

Rigby, C. P.—*contd.*

1484—3. 1850. On the Sathpoora Mountains. *Trans. Bo. Geogr. Soc.*, IX, 69—98.

Righy, ————

1485 . 1842. Memorandum on the usual Building Materials of the district of Cuttack, forwarded to the Museum of Economic Geology, with a set of Specimens. *Journ. A. S. B.*, XI, 836—833.

Riley, E., *see* **Gilchrist, P. C., 658.**

Rind, I. N.

1486 . 1829. On the first Introduction of the Lithographic Art into India. *Glean. Sci.*, I, 293—295.

Rink, H.

1487—1. 1847. On the Geological Structure of the Nicobars. *Cal. Journ. Nat. Hist.*, VII, 207—213.

—2. 1847. Die Nikobarischen Inseln, Eine geographische Skizze, mit specieller Berücksichtigung der Geognosie. 8°, 188 pp., Copenhagen; *Trans.* by Dr. F. Stoliczka, *Sel. Rec. Govt. India*, LXXVII, 109—183 (Abst., *Bibl. Univ.*, Ser. 4, VIII, 222—226; *Neu. Jahrb. f. Min.*, 1848, 836—837).

Ritchie, J.

1488 . 1900. Remarks concerning the Nicobar Islands..... in the year 1771. Edited by R. C. Temple. *Ind. Antiquary*, XXIX, 342—347.

Ritter, C.

1489—1. 1832. Entwurf zu einer Karte vom ganzen Gebirgssysteme des Himálaja nach den Quellenangaben. 4°, 32 pp. Berlin.

—2. 1833—1837. Die Erdkunde in Verhältniss zur Natur und zur Geschichte des Menschen, oder allgemeine vergleichende Geographie. Parts 3—7. 8°, Berlin.

—3. 1851. J. D. Hooker's Untersuchungen in Nord-Indien und im Sikkim-Himalaya. *Monatsb. Verh. Ges. f. Erdk.*, N. S., VIII, 231—262.

NATIONAL ARCHIVES OF INDIA

Ritter, C.—*contd.*

1489—4. 1855. Ueber die wissenschaftliche Reise der drei Gebrüder Schlagintweit in Indien. *Zeits. f. allg. Erdk.*, V, 148—171.

Rivett-Carnac, H.

1490—1. 1879. Prehistoric Remains in Central India. *Proc. A. S. B.*, 9—11 (*Abstract*).

—2. 1882. [Exhibition of Stone implements from Banda]. *Proc. A. S. B.*, 6—8.

—3. 1883. [Exhibition of mineral specimens including one of Burmese Jade]. *Proc. A. S. B.*, 79—80.

—4. 1883. On Stone Implements from the North Western Provinces of India. *Journ. A. S. B.*, LII, Pt. I, 221—230.

Roberton, E. H.

1491 . 1909. The Mining Department of the Civil Engineering College, Sibpur. *Trans. Min. Geol. Inst. Ind.*, IV, 45—70.

Roberts, W.

1492 . 1855. Report on the Natural Products of British Singrowlee, Zillah Mirzapore, etc., *Sel. Rec. Govt. N.-W. P.*, III, Art. XXXII, 481—484; N. S., III, No. 11, 146—152.

Roberts, W. B.

1493 . 1899. An unexplored Corner of Pahang. *Journ. Str. As. Soc.*, XXXII, 1—8.

Robertson, ———

1494 . 1855. Ascent of the Mountain Sumeru Parbut. *Rep. Brit. Assoc.*, XXV, *Sections*, 150—152; *Athenæum, No.* 1458, 1159—1160 (Abst., *Zeits. f. allg. Erdk.*, VI, 242—245, Gumprecht).

Robertson, A. C.

1495 . 1850. Memoranda on Mud Craters in the district of Luss. *Journ. Bo. As. Soc.*, III, Pt. 2, 8—20.

NATIONAL ARCHIVES OF INDIA

Robertson, G.

1496 . 1873. On the Mud Banks of Narrakul and Allippey, two Natural Harbours of Refuge on the Malabar Coast. *Proc. Roy. Soc., Edinb.*, VIII, 70—78.

Robertson, *Sir* G. S.

1497 . 1894. Kafiristan. *Geogr. Journ.*, IV, 193—218 (Abst., *Nature*, L, 211).

Robertson, J.

1498 . 1842. Topographical Remarks regarding Affghanistan. *Cal. Journ. Nat. Hist.*, II, 322—342.

Robertson, J. R. M.

1499 . 1880. The Oils and Oil-Wells of Burma, with notes on the Geology of the Districts of their Occurrence. *Trans. Geol. Soc. Glasgow*, VI, 226—247.

Robinson, F. H.

1500 . 1849. Stone Quarries and Roads, North-Western Provinces. *Sel. Rec. Govt. N.-W. P.*, I, Pt. 2, No. IX, 80—85; N. S., V, 276—283.

Robinson, J. D.

1501 . 1860. Earthquake in Southern India, 2nd February, 1860. *Mad. Journ. Lit. Sci.*, N. S., V., 340—341.

Robinson, S. H.

1502 . 1843. [Section of Coal measures at Choukeedanga Colliery, Burdwan district]. *Cal. Journ. Nat. Hist.*, III, 418—419.

Robinson, W.

1503—1. 1841. A Descriptive Account of Asam: with a Sketch of the Local Geography, and a Concise History of the Tea-Plant of Asam. 8°, 421 pp., Calcutta (Chap. III, Sect. 1, Geology).

—2. 1847. Description of the Laccadive Islands. *Mad. Journ. Lit. Sci.*, XIV, Pt. 2. 1—46.

NATIONAL ARCHIVES OF INDIA

Robiquet, P. J., *and* Marchand, R.

1504 . 1818. Sur le tinkal on borax brut, et de sa purification en grand. *Journ. de Pharm.*, IV, 97—107 (Abst., *Ann. Chim. Phys.*, VIII, 359—363).

Roccati, A.

1505—1. 1909. Sopra alcune roccie e sabbie del bacino del ghiacciaio Hispar (Himalaya nord-occidentale). *Rev. Min. e Crist. Ital.*, XXXIX, 33—46 (Abst., *Geol. Centralbl.*, XIV, 394, G. D'Achiardi).

—2. 1909. Étude sommaire du matériel lithologique rapporté par M. le Dr. Calciati du bassin du glacier d'Hispar. *Bull. Soc. fribourg. Sci Nat.*, XVII, 120—122.

—3. 1915. Studio litologico e Mineralogico del materiale raccolto dal Conte dott. Cesare Calciati nella spedizione al Karakoram sud-orientale durante l'estata del 1911. *Boll. Soc. Geol. Ital.*, XXXIV, 1—78.

Rockhill, *Hon.* W. W.

1506 . 1891. Tibet, a Geographical, Ethnographical, and Historical Sketch, derived from Chinese Sources. *Journ. R. As. Soc.*, N. S., XXIII, 1—133, 185—291.

———, *see* **Das, Sarat Chandra, 422—4.**

Rogers, Alex.

1507—1. 1861. Discovery of Nummulitic Limestone *in situ* at Turkeysur, in the Surat Collectorate. *Journ. Bo. As. Soc.*, VI, 164—167; *Proc.* xcvi—xcvii.

—2. 1869. A few Remarks on the Geology of the Country surrounding the Gulf of Cambay, in Western India. *Quart. Journ. Geol. Soc.*, XXVI, Pt. 1, 118—124 (Abst., *Ibid.*, XXV, Pt. 1, 441—442; *Geol. Mag.*, Dec. 1, VI, 370; *Phil. Mag.*, Ser. 4, XXXIX, 391).

—3. 1901. Water-supply in mitigation of Drought in India. *As. Quart. Rev.*, Ser. 3, XI, 399—400.

Rogers, M.

1508 . 1879. On Surveys round Kandahar. *Rep. Brit. Assoc.*, XLIX, 448 (*Abstract*).

NATIONAL ARCHIVES OF INDIA

Rogers, M. W.

1509 1882. Memorandum on the Earthquake of the 31st December, 1881, and the great sea-waves resulting therefrom, as shown on the diagrams of the tidal observatories in the Bay of Bengal. *Proc. A. S. B.*, 63—66.

Rogers, T. E.

1510 1848. Correspondence regarding the Coal Beds in the Namsang Naga Hills. *Journ. A. S. B.*, XVII, 489—491.

Romanis, R.

1511—1. 1881. Notes on Moulmain and Neighbourhood. *Trans. Edin. Geol. Soc.*, IV, 67—68.

—2. 1881. On the Hot Spring at Natmoo near Maulmain, British Burmah. *Chem. News*, XLIII, 191 (Abst., *Journ. Chem. Soc.*, XL, 1019, D. B.).

—3. 1881. Analyses of Rice Soils from Burmah. *Chem. News*, XLIII, 227.

—4. 1882. Report on borings for Coal at Engsein, British Burma. *Rec. G. S. I.*, XV, 138.

—5. 1882. On the outcrops of Coal in the Myanoung division of the Henzada District. *Rec. G. S. I.*, XV, 178—181.

—6. 1882. Analysis of Laterite from Haranbee, Pegu. *Trans. Edin. Geol. Soc.*, IV, 164.

—7. 1882. Mineral Water from Amherst, British Burmah. *Chem. News*, XLV, 158 (Abst., *Journ. Chem. Soc.*, XLII, 706, L. F. O'S.).

—8. 1884. Report on the Yenanchaung oil wells. Fol., Rangoon.

—9. 1885. Report on the Oil-Wells and Coal in the Thayetmyo District, British Burma. *Rec. G. S. I.*, XVIII, 149—151 (Abst., *Journ. I. S. Inst.*, XXVI, 668).

—10 1886. Analysis of Gold-dust from the Meza Valley, Upper Burma. *Rec. G. S. I.*, XIX, 268—270.

NATIONAL ARCHIVES OF INDIA

Romanis, R.—*contd.*

1511—11. 1886. Notes on Upper Burma. *Trans. Edin. Geol. Soc.*, V, 306 (Abst., *Scot. Geogr. Mag.*, II, 431).

—12. 1886. The Goldfields of Burma. *Chem. News*, LIV, 278—279 (Abst., *Journ. Chem. Soc.*, LII, 221, D. A. L.).

—13. 1889. Notes on Burmese Petroleum. *Chem. News*, LIX, 292 (Abst., *Journ. Chem. Soc.*, LVI, 949—950, D. A. L.).

Ronaldshay, *Rt. Hon. Earl of*

1512 . 1902. A journey from Quetta to Mashad by the new Nushki-Sistan Trade-Route. *Scot. Geogr. Mag.*, XVIII, 186—208.

Rose, A.

1513 . 1912. Chinese Frontiers of India. *Geogr. Journ.*, XXXIX, 193—218.

Rose, H.

1514 . 1849. Extract from a Report on Stone Quarries in the Banda District. *Sel. Rec. Govt. N.-W. P.*, I, Pt. 2, No. X, 104—109; N. S., V, 308—313.

Rose, R.

1515 . 1831. Account of the Process of making Iron at Amdeah, near Sambhalpur. *Glean. Sci.*, III, 330 (Abst., *As. Journ.*, XXVIII, 70—71).

Ross, D.

1516 . 1829. Notice of some Tin Ore from the Coast of Tenasserim. *Glean. Sci.* I, 143—144.

Ross, E. C.

1517 . 1866. Memorandum of Notes on Mekran; together with a Report on a visit to Kej, and route through Mekran from Gwadur to Kurrachee. *Trans. Bo. Geogr. Soc.*, XVIII, 36—77 (Abst., *Proc. R. Geogr. Soc.*, XVI, 139—141, C. R. Markham).

Ross, W. A.

1518—1. 1869. Meerschalumite [indurated China clay] from Simla. *Ind. Economist*, I, 65.

NATIONAL ARCHIVES OF INDIA

Ross, W. A.—*contd.*

1518—2. 1873. On Jeypoorite, a Sulph-antimonial Arsenide of Cobalt. *Proc. Roy. Soc.*, XXI, 292—297.

Rosset, C. W.

1519 . 1896. Die 14000 Malediven-Inseln. *Mitth. k. k. Geogr. Ges.*, XXXIX, 597—637 (Abst., *Scot. Geogr. Mag.*, XIII, 319—321, W. A. Taylor).

Roth, ————

1520 . 1881. Petrographische Beiträge.—Die Gesteine der vulcanischen Halbinsel Aden. *Monatsb. k.-preuss. Akad. Wiss.*, 35—40.

Roth, T. R.

1521 . 1841. [Remarks on Fossil Bones from the Nerbudda]. *Journ. A. S. B.*, X, 627—628.

Rousselet, L.

1522 . 1875. L'Inde des Rajahs. Voyage dans l'Inde centrale et dans les présidencies de Bombay et de Bengale. 4°, 807 pp., Paris.

Roux, E.

1523—1. 1896. Les sources de l'Irrawaddy. *Ann. de Géogr.*, V, 483-495 (Abst., *Peterm. Mitth.*, XLIII, *Litt.* 170, Ule).

—2. 1897. Renseignements géographiques inédits recueillis, en dehors de l'itinéraire suivi, au cours de l'expédition du prince Henri d'Orléans, de MM. E. Roux et Briffaut. Du Tonkin aux Indes (janvier 1895—janvier 1896). *Bull. Soc. Géogr.*, Ser. 7, XVIII, 81—95.

—3. 1897. Aux sources de Irraouaddi. Voyage de Hanoï à Calcutta par Terre. 4°, 84 pp., Paris (Abst., *Peterm.*, *Mitth.*, XLV, *Litt.*, 46—47, E. Tiessen).

Row, J.

1524 . 1844. Geological Remarks during the March from Benares (Old Road) *viâ* Hazareebaugh, Bankoora and Burdwan to Barrackpoor. *Journ. A. S. B.*, XIII, 862—866.

NATIONAL ARCHIVES OF INDIA

Rowe, C.

1525 . 1881. On Gold mining in Southern India. *Min. Journ.*, LI, 625.

Rowe, L.

1526 . 1901. Graphite in India. *Min. Journ.*, LXXI, 1020.

Rowland, W. R.

1527 . 1903. Über die "Federated Malay States" auf der malayischen Halbinsel und deren Entwicklung unter britische Protektorat. *Abhandl. k. k. Geogr. Ges.*, V, No. 1, 1—58.

Rowlatt, E. A.

1528 . 1845. Report of an Expedition into the Mishmee Hills to the north-east of Sudyah. *Journ. A.S.B.*, XIV, 477—495.

Royle, J. Forbes.

1529—1. 1834. Illustrations of the Botany and other Branches of the Natural History of the Himalaya Mountains, and of the Flora of Kashmir. *Journ. A. S. B.*, III, 530—535; *Journ. R. Geogr. Soc.*, V, 361—365.

—2. 1839. Illustrations of the Botany and other Branches of the Natural History of the Himalaya Mountains, and of the Flora of Cashmere. 4°, 2 Vols., London (Review, *Mad. Journ. Lit. Sci.*, XI, 323—343).

—3. 1842. Report on a specimen of iron ore from Malwan in the Southern Concan. *Journ. Bo. As. Soc.*, I, 139—142.

—4. 1843. On the Tin Mines of Tenasserim Province. *Proc. Geol. Soc.*, IV, 165—167.

—5. 1852. Lectures on the results of the Great Exhibition of 1851, No. XI.—The Arts and manufactures of India. 8°, pp. 443—538, London.

—6. 1855. Observations on the Graphite or Plumbago of Kumaon and of Travancore. *Journ. A. S. B.*, XXIV, 203—206; *Mad. Journ. Lit. Sci.*, N. S., I, 257—261, 284—285).

———, *see* **Prinsep, H. T., 1435—1.**

NATIONAL ARCHIVES OF INDIA

Royle, J. R.

1530 . 1890. Memorandum on Indian Steatite. *Rec. G. S. I.*, XXIII, 124—130.

Rudra, Sarat C.

1531 . 1903. The Mineral Resources of British India. *Trans. Amer. Inst. Min. Eng.*, XXXIV, 804—835 (Abst., *Stahl u. Eisen*, XXIV, 979—980).

Rudzki, M. P.

1532 . 1907. La gravité à Cracovie, à S. Francisco et à Dehra-Dun. *Anz. Akad. Wiss. Krakau*, 937—958, 1081.

Rumbold, W. R.

1533 . . 1906. The Tin-Deposits of the Kinta Valley, Federated Malay States. *Trans. Amer. Inst. Min. Eng.*, XXXVII, 879—889 ; *Min. Journ.*, LXXX, 460.

Rundall, C., *see* **Boswell, J. A. C., 174.**

Rundall, F. H.

1534 . 1886. The River Systems of South India. *Proc. R. Geogr. Soc.*, N. S., VIII, 681—698 (Abst., *Rep. Brit. Assoc.*, LVI, 734 ; *Peterm. Mitth.*, XXXIII, *Litt.* 61, Supan).

Russell, J.

1535 . 1843. [Note on a new Volcanic Island, off the coast of Arracan]. *Journ. A. S. B.*, XII, 1116.

Ryan, J.

1536 . 1880. Gold-mining in India ; its past and present. 8°, 27 pp., London.

Ryder, C. H. D.

1537—1. 1902. Yunnan. *Rep. Brit. Assoc.*, LXXII, 678—679 (*Abstract*).

—2. 1905. Exploration and Survey with the Tibet Frontier Commission, and from Gyantse to Simla *viâ* Gartok. *Geogr. Journ.*, XXVI, 369—395 (Abst., *La Géographie*. XIII, 116—124, J. Deniker).

NATIONAL ARCHIVES OF INDIA

Ryley, J. Horton.
1538 . 1899. Ralph Fitch, England's Pioneer to India and Burma. 8°, 264 pp., London.

S

S., —— D.
1539 . 1834. Note on the Temperature of Wells at Nahun. *Journ. A. S. B.*, III, 366—367.

S., —— R.
1540 . 1831. On the application of the Jaisalmir Limestone to the purpose of Lithography. *Glean. Sci.*, III, 107—110.

Sage, W.
1541 . 1841. Report on the Coal of Palamow. *Coal. Com. Rep.*, 1841, Appendix No. 4, iv—vii.

Sahlin, Axel.
1542—1. 1912. The Potentialities of India as an Iron producing Country, and Description of the Tata Iron and Steel Works. *Proc. Staffs. I. S. Inst.*, XXVIII, 50—68.

—2. 1913. Die Grundlager der Indischen Eisenindustrie und die Entwicklung der Tata Iron and Steel Co. *Stahl u. Eisen*, XXXIII, 265—273.

Saint-Hilaire, Geoffroy, *see* **Geoffroy-Saint-Hilaire., 644.**

St. John, D. B.
1543 . 1871. On some North Arracan Celts. *Proc. A. S. B.*, 83.

St. John, H.
1544 . 1876. The Malayan Peninsula. *Geogr. Mag.*, III, 5—7.

Saise, W.
1545—1. 1880. The Kurhurballee Coal-field, with some remarks on Indian Coals. *Trans. N. E. Inst. Min. Eng.*, XXX, 3—24 (Abst., *Journ. I. S., Inst.*, XV, 772—773).

NATIONAL ARCHIVES OF INDIA

Saise, W.—*contd.*

1545—2. 1894. Note on the Singareni Coal-field, Hyderabad (Deccan). *Rec. G. S. I.*, XXVII, 53—54 (Abst., *Journ. I. S. Inst.*, XLVI, 324—325).

—3. 1894. The Giridih (Karharbari) Coal-field, with notes on the labour and methods of working coal. *Rec. G. S. I.*, XXVII, 86—100.

———, *see* **Holland, *Sir* T. H., 864.**

Sale, ———

1546 . 1868. [Note on sandstone spheres found in Cachar]. *Proc. A. S. B.*, 90—91.

Salter, J. W., *and* Blanford, H. F.

1547 . 1865. Palæontology of Niti in the Northern Himalaya: being descriptions and figures of the Palæozoic and Secondary Fossils collected by Colonel Richard Strachey, R. E. 8°, 112 pp., Calcutta.

Sambasiva Iyer, V. S.

1548—1. 1900. Report on the Geology of the Honnagudda and Hiriyur Blocks near Benkipur, Shimoga District. *Rec. Mysore Geol. Dep.*, I, 84—89.

—2. 1900. Report on the Geology of the Kote-Maradi Block, Chitaldroog District. *Rec. Mysore Geol. Dep.*, I, 90—92.

—3. 1900. Some notes on the Ajjampur Mining Block, Kadur District. *Rec. Mysore Geol. Dep.*, I, 92—96.

—4. 1901. Report on Geological Survey Work in the Chitaldroog and Tumkur Districts, during the field seasons of 1896—1899. *Rec. Mysore Geol. Dep.*, II, 82—101.

—5. 1901. Report on Prospecting Work in parts of the Chitaldroog and Tumkur Districts, during the field seasons of the years 1896—99. *Rec. Mysore Geol. Dep.*, II, 102—117.

NATIONAL ARCHIVES OF INDIA

Sambasiva Iyer, V. S.—*contd.*

1548—6. **1902.** Report on Geological Survey Work in parts of Hosdurga and Hiriyur Taluks, Chitaldroog District. *Rec. Mysore Geol. Dep.*, III, 113—147.

—7. **1902.** Notes on Economic Mineral Products of the Chitaldrug and Shimoga Districts. *Rec. Mysore Geol. Dep.*, III, 240—266.

—8. **1903.** Note on Asbestos near Bangalore. *Rec. Mysore Geol. Dep.*, IV, 158—159.

—9. **1903.** A short Note on an Ore of Manganese. *Rec. Mysore Geol. Dep.*, IV, 160—161.

—10. **1904.** Notes on some Economic Minerals. *Rec. Mysore Geol. Dep.*, V, Pt. 2, 57—63.

—11. **1905.** Report on a preliminary Mineral Survey of parts of the Mysore and Kadur Districts. *Rec. Mysore Geol. Dep.*, VI, Pt. 2, 28—42.

Sampat Iyengar, P.

1549—1. **1905.** Report on the Survey Work in the Chitaldrug District. *Rec. Mysore Geol. Dep.*, VI, Pt. 2, 57—93.

—2. **1906.** Report on the felsites and porphyry dykes of Seringapatam Taluk and of parts of the adjoining Taluks of Mysore, French Rocks and Mandya. *Rec. Mysore Geol. Dep.*, VII, Pt. 2, 21—26, 53—60.

—3. **1906.** Report on parts of Hassan and Tumkur Districts. *Rec. Mysore Geol. Dep.*, VII, Pt. 2, 27—42.

—4. **1906.** Notes on a traverse across parts of Srinivaspur and Kadri Taluks. *Rec. Mysore Geol. Dep.*, VII, Pt. 2, 43—48.

—5. **1906.** Report on parts of Challakere and Sira Taluks. *Rec. Mysore Geol. Dep.*, VII, Pt. 2, 49—52.

—6. **1908.** Report on the Geology of parts of Hassan and Kadur Districts. *Rec. Mysore Geol. Dep.*, IX, 59—84.

NATIONAL ARCHIVES OF INDIA

Sampat Iyengar, P.—*contd.*

1549—7. 1909. The Geology of the Western Portion of Hassan District. *Rec. Mysore Geol. Dep.*, X, 31—62.

—8. 1909. Notes on Observations of Wells in the Hassan, Belur and Manjarabad Taluks, Mysore. *Rec. Mysore Geol. Dep.*, X, 78—87.

—9. 1910. The Geology of the Southern Portion of Hassan District. *Rec. Mysore Geol. Dep.*, XI, 77—95.

—10. 1910. Notes on a Traverse in the Hosdurga Taluk. *Rec. Mysore Geol. Dep.*, XI, 97—105.

—11. 1912. The Geology of the Kudremukha and Gangamula Regions, Kadur District. *Rec. Mysore Geol. Dep.*, XII, Pt. 2, 45—70.

Samuells, E. A.

1550 . 1855. [Account of a visit to the Talcheer Coal-fields]. *Journ. A. S. B.*, XXIV, 248—250.

Samuells, W. L.

1551 . 1871. [Letter accompanying specimens of copper blooms from Pachumba]. *Proc. A. S. B.*, 231—233.

Sandberg, Graham.

1552 . 1896. The Great River of Tibet: its Course from Source to Out-fall. *Cal. Review*, CIII, 217—240 (Abst., *Peterm. Mitth.*, XLIII, *Litt.* 166, G. Wegener).

Sandberger, F.

1553 . 1887. Beitrag zur Kenntniss des Graphits von Ceylon und seiner Begleiter. *Neu. Jahrb. f. Min.*, II, 12—16 (Abst., *Zeits. f. Kryst.*, XV, 628—629, H. Traube; *Journ. Chem. Soc.*, LII, 901, B. H. B.).

Sandeman, J. E.

1554 . 1882. The River Irawadi and its Sources. *Proc. R. Geogr. Soc.*, N. S., IV, 257—273 (Abst., *Peterm. Mitth.*, XXVII, 297—298).

NATIONAL ARCHIVES OF INDIA

Sankey, R. H.

1555—1. 1853. On the Geology of some parts of Central India. *Quart. Journ. Geol. Soc.*, X, Pt. 1, 55—56 (*Abstract*).

—2. 1874. Memorandum on Mysore Limestones. *Prof. Papers Ind. Eng.*, Ser. 2, III, 26—38.

Sarasin, F.

1556 . 1887. Reisen und Beobachtungen auf Ceylon. *Verh. Ges. f. Erdk.*, XIV, 206—220.

Sarasin, F. *and* P.

1557—1. 1907. Notes on Stone Implements in Vedda Caves. *Spolia Zeyl.*, IV, 188—190 (Abst., *Nature*, LXXVI, 82, A. C. H.; *Neu. Jahrb. f. Min.*, 1908, II, *Ref.* 255—261, E. Koken).

—2. 1907. Die Steinzeit der Weddas. *Globus*, XCI, 255—256.

—3. 1908. Ergebnisse naturwissenschaftlicher Forschungen auf Ceylon.—Die Steinzeit auf Ceylon. 4°, 92 pp., Wiesbaden (Review, *Man*, IX, No. 49, C. G. Seligmann; *Globus*, XCIV, 304).

Sastri, Hirananda.

1558 . 1915. Recent Additions to our knowledge of the Copper Age Antiquities of the Indian Empire. *Journ. A. S. B.* N. S., XI, 1—6.

Saunders, R.

1559—1. 1789. Some Account of the Vegetable and Mineral Productions of Boutan and Thibet. *Phil. Trans.*, LXXIX, 79—111; *Abridg.* XVI, 539—556.

—2. 1789. Observations sur l'origine du Tinckal, ou Borax. *Ann. Chim.*, II, 299—301.

———, *see* **Turner, S., 1816.**

Saunders, R. F.

1560 . 1860. [Account of a Meteorite which fell at Dhurmsala, July 14, 1860]. *Journ. A. S. B.*, XXIX, 412—416.

NATIONAL ARCHIVES OF INDIA

Saunders, Trelawny, W.

1561—1. 1870. A Sketch of the Mountains and River Basins of India. Fol., 31 pp., London (Review, *Verh. Ges. f. Erdk.*, V, 72—75, F. v. R.; *Geogr. Mag.*, V, 183—184).

—2. 1877. The Himalayan System. *Geogr. Mag.*, IV, 173—181.

—3. 1878. On the Karakoram Mountains. *Geogr. Mag.*, V, 20—21, 186—187.

—4. 1879. On the Mountains of the Northern and Western Frontier of India. *Nature*, XXI, 96—98, 347—348.

—5. 1879. On the Orography of the North-Western Frontier of India. *Rep. Brit. Assoc.*, XLIX, 449 (*Abstract*).

—6. 1885. On the complete exploration of Lake Yamdok in Tibet. *Rep. Brit. Assoc.*, LV, 1126 (*Title only*).

Saunders, W.

1562 . 1831. On Hydraulic Cements. *Glean. Sci.* III, 54—57.

Saunders, W. T.

1563 . 1904. Tin-mining in the Straits Settlements. *Trans. Inst. Min. Eng.*, XXVII, 343—349.

Saxton, G. H.

1564—1. 1855. [Note on specimens of Coal and Iron Ore from Gangpur]. *Journ. A. S. B.*, XXIV, 185—186, 354—355.

—2. 1856. Account of a Waterfall in the Bonai State, Chota Nagpore. *Journ. A. S. B.*, XXV, 230—233.

—3. 1858. [Note on an Earthquake at Cuttack]. *Journ. A. S. B.*, XXVII, 366.

—4. 1870. [Fall of an Aerolite near Nidigullam, Vizagapatam District, on 23rd January, 1870]. *Proc. A. S. B.*, 64—65.

Schaffner, D.

1565 . 1859. Ueber die fossilen Algen im grünen Jaspis [aus Ostindien]. *Flora*, N. S., XVII, 561—563, 707 (Abst. *Neu. Jahrb. f. Min.*, 1860, 616—617).

NATIONAL ARCHIVES OF INDIA

Scharff, Fr.

1566—1. 1873. Quarzkystalle von Poonah. *Neu. Jahrb. f. Min.*, 944—945.

—2. 1875. Über die Quarze von Poonah. *Neu. Jahrb. f. Min.*, 626—627.

Schenk, August.

1567 . 1899. Die wissenschaftliche Ergebnisse der Reise des Grafen Béla Széchenyi in Ostasien.—Fossile Pflanzen. —Vol. III, Pt. 2, 309—326.

Schiern, F.

1568 . 1875. The Tradition of the Gold-Digging Ants. *Ind. Antiquary*, IV, 225—232.

Schiffer, E. Chr.

1569 . 1900. Chemische Untersuchung eines körnigen Dolomits aus dem Gneiss von Wattegama in Ceylon. *Inaug. Dissertation, Munich*, 32—45 (Abst., *Journ. Chem. Soc.*, LXXX, Pt. 2, 110—111).

Schimper, W.

1570 . 1877. Ueber Glauberit und Blödit vom Pendschab. *Zeits. f. Kryst.*, I, 70—71 (Abst., *Neu. Jahrb. f. Min.*, 1877, 408; *Journ. Chem. Soc.*, XXXIV, 118, C. A. B.).

Schindler, A. H.

1571 . 1884. The Turquoise Mines of Nishapur, Khorassan. *Rec. G. S. I.*, XVII, 132—142.

Schlagintweit, Adolphe *von*.

1572—1. 1856. Neueste Nachrichten über die Fortschritte der Gebrüder Schlagintweit auf ihrer Reise im Himalaya und in Tibet bis zum oberen Indus. *Zeits. f. allg. Erdk.*, VI, 314—329.

—2. 1856. Aus einem Briefe an Alexander v. Humboldt. *Zeits. f. allg. Erdk.*, N. S., I, 238; II, 159—161.

—3. 1857. Report on the Progress of the Magnetic Survey, and of the Researches connected with it, from November 1855, to April 1856. *Journ. A. S. B.*, XXVI, 97—110, 122—132.

NATIONAL ARCHIVES OF INDIA

Schlagintweit, Adolphe *von—contd.*

1572—4. **1857.** Bericht....über seine Reisen im westlichen Himalaya vom Mai bis November, 1856. *Zeits. f. allg. Erdk.*, N. S., II, 193—201.

—5. **1857.** Reise im nordwestlichen Indien, Dezember 1856 bis April 1857. Nach einem Schreiben des Reisenden an Colonel Sykes, datirt: Kamahnd in Kulu, 25 April, 1857. *Peterm. Mitth.*, III, 287—289.

———, *see* **Schlagintweit, R.,** *and* **H., 1577**—4.

Schlagintweit, Adolphe *and* **Robert** *von.*

1573—1. **1855.** Notices of Journeys in the Himalayas of Kemaon. *Rep. Brit. Assoc.*, XXV, *Sections*, 152—155.

—2. **1855.** Fortsetzung der Nachrichten über die wissenschaftliche Reise der Gebrüder Schlagintweit in Indien. *Zeits. f. allg. Erdk.*, V, 257—268.

—3. **1856.** Report upon the Progress of the Magnetic Survey of India, and of the Researches connected with it in the Himalaya Mountains from April to October 1855. *Journ. A. S. B.*, XXV, 105—133.

—4. **1856.** Reisen . . . . in Indien bis zum 26th Febr. 1856. Nach den an Col. W. H. Sykes eingesandten Schreiben. *Peterm. Mitth.*, II, 104—108.

Schlagintweit, Adolphe, Hermann *and* **Robert** *von.*

1574—1. **1857.** Aperçu sommaire des résultats de la mission scientifique dans l'Inde et la haute Asia. *C. R. Ac. Sci.*, XLV, 516—522.

—2. **1861—1866.** Results of a scientific mission to India and High Asia, undertaken between the years 1854 and 1858. 4°, 4 Vols., Leipzig and London (Review, *Amer. Journ. Sci.*, Ser. 2, XXXIV, 101—109; *Peterm. Mitth.*, VII, 268—273).

———, *see* **Meyer, H., 1215**—1, —2.

———, *see* **Ritter, C., 1489**—4.

NATIONAL ARCHIVES OF INDIA

Schlagintweit, Emil.

1575 . 1888. Über den Namen des höchsten Berges der Erde. *Peterm. Mitth.*, XXXIV, 338—341; XLVII, 40—43; XLVIII, 15.

Schlagintweit, Robert *von*.

1576—1. 1856. Reise von Simla nach Leh in Tibet; 29 Mai bis 29 Juni 1856. *Peterm. Mitth.*, II, 376.

—2. 1857. Report on the Progress of the Magnetic Survey and of the Researches connected with it, from November, 1855, to April, 1856. *Journ. A. S. B.*, XXVI, 54—62.

—3. 1857. Report on the Proceedings of the Officers engaged in the Magnetic Survey of India. *Journ. A. S. B.*, XXVI, 208—216.

—4. 1857. On the Routes pursued by Herren Hermann, Adolphe, and Robert Schlagintweit in India, the Himalaya, Tibet, and Turkistan. *Rep. Brit. Assoc.*, XXVII, *Sections*, 149—151.

—5. 1857. Ueber Erosionsformen der indischen Flüsse. *Zeits. f. allg. Erdk.*, N. S., III, 428—431.

—6. 1861. Ueber die Höhenverhältnisse Indiens und Hoch-Asiens. *Sitz. k.-bayer. Akad. Wiss.*, II, 261—289; *Zeits. f. allg. Erdk.*, N. S., XII, 20—45.

—7. 1861. Geographische Schilderungen aus Central-Indien. *Abhandl. nat. Ges. Nürnb.*, II, 53—66.

—8. 1862. Zusammenstellung der in Indien vorkommenden heissen Quellen. *Zeits. f. allg. Erdk.*, N. S., XIII, 419—422; *Journ. A. S. B.*, XXXIII, 49—56 (Abst., *Peterm. Mitth.*, IX, 104—105).

—9. 1865. Physilkalische-Geographische Schilderung von Hoch-Asien. *Peterm. Mitth.*, XI, 361—377; *Journ. A. S. B.*, XXXV, Pt. 2, 51—72 (Abst., *Proc. A. S. B.*, 1866, 21—22).

NATIONAL ARCHIVES OF INDIA

Schlagintweit, Robert *von—contd.*

1576—10. **1866.** Die in der Himalaya-Kette bis jetzt gemessenen Gipfel. *Geogr. Jahrb.*, I, 272—280; *Mad. Journ. Lit. Sci.*, Ser. 3, Pt. 2, 140—149.

—11. **1868.** [Remarks on nephrite from Turkestan]. *Proc. Boston Soc. Nat. Hist.*, XII, 138.

———, *see* **Schlagintweit, A., 1573,** 1—4.

Schlagintweit, Robert *and* **Hermann** *von.*

1577—1. **1856.** Berichten·····an Se Majestät den König aus Ladak und dem Kuenlün. *Zeits. f. allg. Erdk.*, N. S., I, 425—428, 532—547; II, 428—434.

—2 **1857.** An Account of a Journey across the Chains of the Kuenluen from Ladak to Khotan. *Journ. A. S. B.*, XXVI, 110—121; *Proc. R. Geogr. Soc.*, I, 270—277.

—3. **1857.** On Erosion of Rivers in India. *Rep. Brit. Assoc.*, XXVII, *Sections*, 90—91.

—4. **1859.** Official Reports on the last Journeys and the Death of Adolphe Schlaginweit in Turkistan. *Mad. Journ. Lit. Sci.*, N. S. IV., 304—332.

Schlagintweit-Sakünlünski, Hermann *von.*

1578—1. **1856.** Reise nach Sikkim und Assam. *Peterm. Mitth.*, II, 272—277.

—2. **1856.** Report on the Progress of the Magnetic Survey and of the Researches connected with it in Sikkim, the Khasia Hills, and Assam, April to December, 1855. *Journ. A. S. B.*, XXV, 1—30.

—3. **1856.** Report on the Proceedings of the Magnetic Survey from January to May, 1856. *Journ. A. S. B.*, XXV, 554—569; *Mad. Journ. Lit. Sci.*, N. S., IV, 341—356.

—4. **1856.** Aus einem Berichte . . . . . an Se Majestät den König [Sikkim and the Khasi Hills]. *Zeits. f. allg. Erdk.*, VI, 580—584.

NATIONAL ARCHIVES OF INDIA

Schlagintweit-Sakünlünski, H. *von*—(*contd*).

1578—5. **1859.** Über einige Berge im Himalaya. *Zeits. deutsch. Geol. Ges.*, XI, 17—18.

—6. **1860.** Note sur l'expédition . . . dans l' Inde et la Haute Asie. *C. R. Ac. Sci.*, LI, 198—200.

—7. **1863.** Glossary of Tibetan Geographical Terms. Collected by Hermann, Adolphe, and Robert de Schlagintweit. *Journ. R. As. Soc.*, XX, 67—98.

—8. **1864.** Assam, das mittlere Stromgebiet des Brahmaputra. *Abhandl. nat. Ges. Nürnb.*, III, 30—41.

—9. **1866.** Die thermischen Verhältnisse der tiefsten Gletscherenden im Himalaya und in Tibet. *Sitz. k.-bayer. Akad. Wiss.*, I, 290—293.

—10. **1867.** Remarques sur les glaciers les plus bas de la haute Asie et leur relations aux lignes isothermes. *C. R. Ac. Sci.*, LXV, 286—287.

—11. **1867.** Die wichtigsten Höhenbestimmung in Indien, im Himalaya, in Tibet und in Turkistan. *Sitz. k.-bayer. Akad. Wiss.*, I, 479—518 (Abst. *Zeits. Ges. f. Erdk.*, II, 385—388).

—12. **1869—1880.** Reisen in Indien und Hochasien. Eine Darstellung der Landschaft, der Cultur und Sitten der Bewohner, in Verbindung mit klimatischen und geologischen Verhältnissen. 8°, 4 Vols., Jena (Review, *Alp. Journ.*, VI, 43—50; *Zeits. Ges. f. Erdk.*, IV, 179—184; *Sitz. k.-bayer. Akad. Wiss.*, II, 290—296; X, 1—32).

—13. **1871.** Untersuchungen über die Salzseen im westlichen Tibet und in Turkistan. *Abhandl. k.-bayer. Akad. Wiss.*, XI, Abth. I, 101—174.

—14. **1872.** Vergleich hydrographischer Daten aus dem östlichen und aus dem westlichen Tibet. *Das Ausland*, XXXVIII, 910—912 (Abst., *Peterm. Mitth.*, XVIII, 39).

—15. **1873.** Ueber Nephrit nebst Jadeit und Saussurit im Künlün-Gebirge. *Sitz. k.-bayer. Akad. Wiss.*, III, 227—267.

NATIONAL ARCHIVES OF INDIA

Schlagintweit-Sakünlünski, Hermann *von—contd.*

1578—16. 1874. Die Pässe über die Kammlinien des Karakorum und des Künlün in Balti, in Ladak und im östlichen Turkistán. Nach unsere Beobachtungen von 1856 und 1857 und den neueren Expeditionen. *Abhandl. k.-bayer. Akad. Wiss.*, XII, Abth. I, 1—116.

—17. 1874. Mikrostructur der Künlün-Nephrit und verwandter Gesteine. *Sitz. k.-bayer. Akad. Wiss.*, IV, 63—68.

—18. 1878. Ueber das Auftreten von Bor-Verbindungen in Tibet. *Sitz. k.-bayer. Akad. Wiss.*, VIII, 505—538.

———, *see* **Ganzenmüller, K., 633.**

———, *see* **Schlagintweit, A.** *von*, **1574**, 1—2.

———, *see* **Schlagintweit, R.** *von* **1577**, 1—4.

Schlich, W.

1579 . 1875. Remarks on the Sunderbuns. *Ind. Forester*, I, 6—11.

Schlichter, H.

1580 . 1891. The African and Asiatic Coasts of the Indian Ocean in Antiquity. *As. Quart. Rev.*, Ser. 2, II, 305—314.

Schmidt, Alex.

1581 . 1899. Die wissenschaftliche Ergebnisse der Reise des Grafen Béla Széchenyi in Ostasien. Verzeichniss der gesammelten Mineralien.—Vol. III, Pt. 3, 339—341.

Schmidt, Emil.

1582 . 1902. Die Prähistorie des südlichen Indien. *Globus*, LXXXI, 213—218.

Schmitz, H.

1583 . 1898. Burma, die östlichste Provinz des indischen Kaiserreiches. *Mitth. k. k. Geogr. Ges.*, XLI, 664—705.

Schrauf, A.

1584 . 1870. Meerschaluminit Ross, ein neues Mineral von Simla in Indien. *Verh. k. k. Geol. Reichsanst.* 43—44.

NATIONAL ARCHIVES OF INDIA

Schreiber, F.

1585 . 1911. Die Kohlenfelder der Gondwana-Formation in Britisch-Indien. *Zeits. f. prakt. Geol.* XIX, 169—203 (Abst., *Geol. Centralbl.*, XVII, 154, Gothan).

Schroeder, R., *see* **Goldschmidt, V., 672.**

Schuchert, C.

1586 . 1906. The Russian Carboniferous and Permian compared with those of India and America. *Amer. Journ. Sci.*, Ser. 4, XXII, 29—46, 143—158.

Schulten, C.

1587 . 1914. Hot Springs in Raj Darbhanga, Khargpore Hills, District Monghyr. *Journ. A. S. B.*, N. S., X, 147—152.

Schultz, Arved *von.*

1588 . 1912. Bericht über den bisherigen Verlauf meiner Pamir-expedition 1911-12. *Peterm. Mitth.*, LVIII, Pt. 2, 190—193, 261—265 (Abst., *La Géographie*, XXVII, 360—361, A. Allix).

Schurr, H. S.

1589 . 1899. Note on the Barisal Guns. *Nature*, LXI, 127—128.

Schuster, A.

1590 . 1876. Scientific Notes taken in the Himalayas. *Nature*, XIII, 393—395.

Schütze, W.

1591 . 1906. Die grosse Strasse von Indien nach Tibet. *Globus* XC, 66—67.

Schwager, C.

1592 . 1866. Geologische Beobachtungen während der Reise der österreichischen Fregatte Novara um die Erde in der Jahren 1857, 1858, 1859. 4°, Wien.—Fossile Foraminiferen von Kar Nikobar, Vol. II, Abth. 2, 187—268.

Schwalbe, B.

1593 . 1862. Magneteisenstein von Landu in Bengalen. *Zeits. gesammt. Naturw. Halle.*, XX, 198—201; *Vierteljahrs. Naturf. Ges. Zurich*, VII, 258—263.

NATIONAL ARCHIVES OF INDIA

Schwarz, C. *Ritter von.*

1594—1. 1882. Reports on Iron Working in the Raniganj sub-division of the District of Burdwan in Bengal. Fol., 17 pp. Simla.

—2. 1882. Report on the Financial Prospects of Iron Working in the Chanda District. Fol., 30 pp., Simla.

—3. 1886. Die Eisenerze Ostindiens. *Oesterr. Zeits. f. Berg—u. Hüttenw.*, XXXIII, 715—717, 734—736, 751—754, 771—774 (Abst., *Journ. I. S. Inst.*, XXVII, 225—229).

—4. 1899. [On Iron and Steel Manufacture in India]. *Journ. I. S. Inst.*, LVI, 89—99.

—5. 1901. Ueber die Eisen—und Stahlindustrie Ostindiens. *Stahl. u. Eisen.* XXI, 209—211, 277—283, 337—341, 391—399 (Abst., *Journ. I. S. Inst.*, LIX, 467—469; LX, 350, 440—446).

Sconce, G. C.

1595 . 1865. Journal of the Salween Surveying Expedition. *Sel. Rec. Govt. India*, XLVIII, 1—37.

Sconce, J.

1596 . 1869. Description of country surveyed in District Loharduga, season 1867-68. *Sel. Rec. Govt. India*, LXXIV, 116—118.

Scott, A. J.

1597 . 1852. Analyses of Indian Ores of Manganese and of some Scottish Zeolites. *Edin. N. Phil. Journ.*, LIII, 277—284.

Scott, D.

1598—1. 1821. On the Banks of the Tista and Súbúk Rivers. *Geol. Trans.*, Ser. 2, I, 137—140.

—2. 1821. Notice accompanying Specimens from the neighbourhood of the Garo Village of Robagiri. *Geol. Trans.*, Ser. 2, I, 167—168.

—3. 1828. Additional Observations on the Cavern of Boobon. *Edin. Journ. Sci.*, IX, 54—55.

NATIONAL ARCHIVES OF INDIA

Scott, G. B.

1599 . 1896. The Barisal Guns. *Nature*, LIII, 197.

Scott, G. F.

1600 . 1884. Report on the Choi Coal Exploration. *Rec. G. S. I.*, XVII, 73—78.

Scott, *Sir* J. G., *and* Hardiman, J. P.

1601 . 1900. Gazetteer of Upper Burma and the Shan States. 8°, 5 Vols., Rangoon (Chap. I, Physical Geography. Chap. XII, Geology).

Scott, W.

1602 . 1823. An account of the Diamond Mines at Purtyall. *As. Journ.*, XVI, 228—230.

Scrivenor, J. B.

1603—1. 1903. A Preliminary Report on the Geology of the neighbourhood of Taiping, Perak. Fol., 14 pp., Selangor.

—2. 1904. A Preliminary Report on the Gold-Mines of the Federated Malay States. Fol., 12 pp., Kuala Lumpur; *Min. Journ.*, LXXVI, 187—188.

—3. 1905. Coal in the New Territory, Perak. *Perak. Gov. Gazette, Suppl.*, 1 p., Fol., Kuala Lumpur.

—4. 1905. Tin in the Federated Malay States. Geologist's Report for 1904. Fol., 7 pp., Kuala Lumpur; *Min. Journ.*, LXXVIII, 273.

—5. 1906. Federated Malay States. Geologist's Report for the year 1905. Fol., 2 pp., Kuala Lumpur.

—6. 1907. Federated Malay States. Geologist's Report of Progress, 1903 to 1907. 8°, ix + 44 pp., Kuala Lumpur.

—7. 1908. Note on the Sedimentary Rocks of Singapore. *Geol. Mag.*, Dec. 5, V, 289—291.

—8. 1908. The Geology of the Tahan Range. *Geol. Mag.*, Dec. 5, V, 373—374 (Abst. from *Journ. Fed. Malay States Museum*, III)

NATIONAL ARCHIVES OF INDIA

Scrivenor, J. B.—*contd.*

1603—9. **1908.** Federated Malay States. Geologist's Report for the year 1907. Fol., 1 p., Kuala Lumpur.

—10. **1908.** Malay Beliefs concerning Prehistoric Stone Implements. *Man*, VIII, No. 54.

—11. **1909.** The Lahat 'Pipe': a Description of a Tin-ore Deposit in Perak (Federated Malay States). *Quart. Journ. Geol. Soc.*, LXV, 382—389 (Abst., *Geol. Mag.*, Dec. 5, VI, 283—284; *Phil. Mag.*, Ser. 6, XVIII, 936).

—12. **1909.** Note on the Igneous Rocks of Singapore, with special reference to the Granite and Associated Rocks carrying Rhombic Pyroxene. *Geol. Mag.*, Dec. 5, VI, 17—22 (Abst., *Neu. Jahrb. f. Min.*, 1912, II, *Ref.* 64, H. Schneiderhöhn).

—13. **1909.** Archæan or Lower Palæozoic Rocks in the Malay Peninsula. *Geol. Mag.*, Dec. 5, VI, 330—332.

—14. **1909.** Obsidianites in the Malay Peninsula. *Geol. Mag.*, Dec. 5, VI, 411—413.

—15. **1909.** On the use of the Word 'Laterite'. *Geol. Mag.*, Dec. 5, VI, 431—432, 574—575.

—16. **1909.** The Origin of Tin-Deposits. 8°, 11 pp., Kuala Lumpur (Abst., *Min. Journ.*, LXXXV, 307, 340).

—17. **1909.** Federated Malay States. Geologist's Annual Report for 1908. Fol., 7 pp., Kuala Lumpur.

—18. **1909.** On an occurrence of native Copper with tin-ore in the Federated Malay States. *Mineral. Mag.*, XV, 299—301 (Abst., *Neu. Jahrb. f. Min.*, 1911, II, *Ref.* 9, K. Busz; *Zeits. f. Kryst.*, LII, 88, St. Kreutz).

—19. **1910.** The Rocks of Pulau Ubin and Pulau Nanas (Singapore). *Quart. Journ. Geol. Soc.*, LXVI, 420—434 (Abst., *Geol. Centralbl.*, XVIII, 434—435, W. W.).

NATIONAL ARCHIVES OF INDIA

Scrivenor J. B.—*contd.*

1603—20. 1910. The Tourmaline-Corundum Rocks of Kinta (Federated Malay States). *Quart. Journ. Geol. Soc.*, LXVI, 435—449 (Abst., *Phil. Mag.*, Ser. 6, XIX, 655—656; *Geol. Centralbl.*, XVIII, 389—390, W. W.).

—21. 1910. The use of the term 'Laterite' *Geol. Mag.*, Dec. 5, VII, 139—140, 335—336, 382—384.

—22. 1911. A Sketch of the Geological Structure of the Malay Peninsula. *Journ. Str. As. Soc.*, LIX, 1—13 (Abst., *Geol. Mag.*, Dec. 5, IX, 273—274; *Nature*, XC, 636).

—23. 1911. Notes on Cassiterite in the Malay Peninsula. *Mineral. Mag.*, XVI, 118—120 (Abst., *Neu. Jahrb. f. Min.*, 1913, II, *Ref.* 376—377, K. Busz).

—24. 1911. Report on the Rantau Panjang Coal Measures. Fol., 7 pp., Kuala Lumpur (Abst., *Bull. Imp. Inst.*, X, 171; *Journ. I. S. Inst.*, LXXXVI, 482).

—25. 1911. The Geology and Mining Industries of Ulu Pahang, with a sketch map showing the geological structure of the country. Fol., Kuala Lumpur (Review, *Geol. Mag.*, Dec. 5, IX, 273—274).

—26. 1911. Notes on prospecting for Tin-Ore in the Federated Malay States. 8°, 24 pp., Kuala Lumpur; *Min. Journ.*, XCV, 991—992, 1032—1034, 1043—1044, 1086—1088.

—27. 1912. The Gopeng Beds of Kinta (Federated Malay States). *Quart. Journ. Geol. Soc.*, LXVIII, 140—163 (Abst., *Phil. Mag.*, Ser. 6, XXIV, 204—205; *Nature*, LXXXVIII, 164; *Geol. Centralbl.*, XVIII, 560—561, W. W.).

—28. 1912. Radiolaria-bearing Rocks in the East Indies. *Geol. Mag.*, Dec. 5, IX, 241—248 (Abst., *Geol. Centralbl.*, XVIII, 641—642, W. W.).

—29. 1912. Note on the occurrence of Strüverite in Perak. *Mineral. Mag.*, XVI, 302—303.

—30. 1912. Gunong Takan and Gunong Riam (Malay Peninsula). *Journ. Str. As. Soc.*, LXII. 8—21.

NATIONAL ARCHIVES OF INDIA

Scrivenor, J. B.—*contd.*

1603—31. 1912. Federated Malay States. Geologist's Annual Report for the year 1911. *Malay States Govt. Gazette, Suppl.*, March 29, 4 pp.

—32. 1913. The Geology and Mining Industry of the Kinta District, Perak, Federated Malay States. 8°, 91 pp., Kuala Lumpur (Review, *Geol. Mag.*, Dec. 5, X, 223—224).

—33. 1913. The Geological History of the Malay Peninsula. *Quart. Journ. Geol. Soc.*, LXIX, 343—371 (Abst., *Geol. Mag.*, Dec. 5, X, 92—94; *Phil. Mag.*, Ser. 6, XXV, 752—754; *Geol. Centralbl.*, XX, 202—204, W. W.).

—34. 1914. The Topaz-bearing Rocks of Gunong Bakau (Federated Malay States). *Quart. Journ. Geol. Soc.*, LXX, 363—381 (Abst., *Geol. Mag.*, Dec. 6, I, 285; *Phil. Mag.*, Ser. 6, XXVIII, 160).

—35. 1914. The Junction of the Malayan Gondwana Clays with the Mesozoic Granite of the Malay Peninsula. *Geol. Mag.*, Dec. 6, I, 309—311.

—36. 1914. The Deposits of Tin-Ore in the Limestone of the Kinta Valley, Perak, F. M. S. 8°, 20 pp., Ipoh.

—37. 1915. Concerning Laterite. *Geol. Mag.*, Dec. 6, II, 286—288.

———, *see* **Newton, R. Bullen, 1295**—8.

———, *see* **Wolff, W., 1952**—2.

Seeley, H. G.

1604 . 1902. Fossils from Cretaceous Strata in the Salt Range of India. *Rep. Brit. Assoc.*, LXXII, 604; *Geol. Mag.*, Dec. 4, IX, 471; *Nature*, LXVI, 620.

Seligmann, C. G.

1605 . 1908. Quartz Implements from Ceylon. *Man*, VIII, No. 63.

NATIONAL ARCHIVES OF INDIA

Sen, A. M.

1606—1. 1910. Report on Well and the Water-Supply of Portions of the Chitaldrug District. *Rec. Mysore Geol. Dep.*, XI, 119—173.

—2. 1912. Report on the Geology of parts of the Bangalore and Tumkur Districts. *Rec. Mysore Geol. Dep.*, XII, Pt. 2, 109—128.

—3. 1913. Report on the Talpargis in the Maddagiri Sub-Division (Tumkur District). *Rec. Mysore Geol. Dep.*, XIII, 101—132.

—4. 1913. Notes on the Geology of portions of the Nelamangala and Dodballapur Taluks. *Rec. Mysore Geol. Dep.*, XIII, 133—137.

Senior, R. W.

1607 . 1894. Movement of Glaciers in the Himalayas. *Alp. Journ.*, XVII, 68—70.

Seton-Karr, H. W.

1608 . 1909. Some recent Indian Palæolithic Implements. *Man*, IX, No. 79.

Severn, H. A.

1609 . 1882. [On Gold-mining in India]. *Journ. Soc. Arts.*, XXX, 592—593.

Seward, A. C.

1610—1. 1897. The Glossopteris Flora : an extinct Flora of a Southern Hemisphere Continent. *Sci. Progress*, VI, 178—201.

—2. 1907. Permo-Carboniferous Plants from Kashmir. *Rec. G. S. I.*, XXXVI, 57—61.

—3. 1912. Lower Gondwana Plants from the Golabgarh Pass, Kashmir. *Pal. Indica*, N. S., IV, Pt. 3, 1—10.

—4. 1912. Mesozoic Plants from Afghanistan and Afghan-Turkestan. *Pal. Indica*, N. S., IV, Pt. 4, 1—57.

NATIONAL ARCHIVES OF INDIA

Seward, A. C.—*contd.*

1610—5. 1912. Dicotyledonous Leaves from the Coal Measures of Assam. *Rec. G. S. I.*, XLII, 93—101.

Seward, A. C., *and* Woodward, A. Smith

1611 . 1905. Permo-Carboniferous Plants and Vertebrates from Kashmir. *Pal. Indica*, N. S., II, Pt. 2, 1—13 (Abst., *Geol. Mag.*, Dec. 5, III, 272—273; *Nature*, LXXII, 539; *Neu. Jahrb. f. Min.*, 1910, II, *Ref.* 484, H. Salfeld; *Geol. Centralbl.*, IX, 731, H. A. A.).

Sewell, R.

1612 . 1899. The Cinder-Mounds of Bellary. *Journ. R. As. Soc.*, N. S., XXXI, 1—16.

Shakespear, J.

1613 . 1895. The Lushais and the Land they live in. *Journ. Soc. Arts.*, XLIII, 167—188.

Shastree, Ball G.

1614 . 1844. Note on a Specimen of Iron-Ore from the vicinity of Malwan. *Journ. Bo. As. Soc.*, I, 435—437.

Shaw, R. B.

1615—1. 1871. Visits to High Tartary, Yârkand, and Kâshgar (formerly Chinese Tartary), and return journey over the Karakoram Pass. 8°, 486 pp., London.

—2. 1872. Central Asia in 1872. *Proc. R. Geogr. Soc.*, XVI, 395—407 (Abst., *Peterm. Mitth.*, XIX, 1—4).

—3. 1877. Water-Partings *versus* Ranges. *Geogr. Mag.*, IV, 314—316.

—4. 1878. Note on the Karakoram. *Geogr. Mag.*, V, 126—127.

Shawcross, H. W.

1616 . 1905. Round Pandim. *Alp. Journ.*, XXII, 591—592.

Sheffield, W., *and* Nicolson, W.

1617 . 1874. Correspondence regarding Gold Mines in Wynaad, Malabar District. 8°, 62 pp., Madras (*see also* BROUGH SMYTH'S *Report on Gold in Wynaad*, Appendix B).

NATIONAL ARCHIVES OF INDIA

Shepard, C. U.

1618—1. 1852. On Meteorites. (1) Tuttehpore, Hindustan, Nov. 30, 1822. (2) Charwallas, 30 miles from Hissar, India, June 12, 1834. *Edin. N. Phil. Journ.*, LIII, 245—246.

—2. 1865. Mineralogical Notices.—Syhedrite. *Amer. Journ. Sci.*, Ser. 2, XL, 110—112.

—3. 1883. Notice of Corundum Gems in the Himalaya region of India. *Amer. Journ. Sci.*, Ser. 3, XXVI, 339—340 (Abst., *Neu. Jahrb. f. Min.*, 1885, II, *Ref.* 3, C. A. Tenne; *Journ. Chem. Soc.*, XLVI, 23, B. H. B.).

Sheppard, G. F.

1619 . 1880. [Account of Carnelians in the Rajpipla Hills]. *Bombay Gazetteer*, VI, 198—207.

Sherborn, C. D.

1620 . 1888. On a Limestone with Concentric Structure from Kulu, North India. *Geol. Mag.*, Dec. 3, V, 255—257.

Sherer, J. W.

1621 . 1864. Report on the deterioration of Lands lying along the Western Jumna Canal. *Sel. Rec. Govt. India*, XLII, 3—15.

Sherring, C. A.

1622 . 1906. Western Tibet and the British Borderland. 8°, 376 pp., London (Review, *Scot. Geogr. Mag.*, XXIII, 28—33).

Sherwill, J. L.

1623—1. 1862. Journal of a Trip undertaken to explore the Glaciers of the Kanchunjingah Group in the Sikkim Himalaya, in November 1861. *Journ. A. S. B.*, XXXI, 457—479 (Abst., *Peterm. Mitth.*, IX, 384—386).

—2. 1865. A Geographical and Statistical Report of the Dinagepore District. 4°, 56 pp., Calcutta.

Sherwill, R. S.

1624—1. 1846. [Note on Shelly Kunkur from Benares]. *Journ. A. S. B.*, XV, *Proc.* xiv—xv.

NATIONAL ARCHIVES OF INDIA

Sherwill, R. S.—*contd.*

1624—2. 1852. The Kurrukpoor Hills. *Journ. A. S. B.*, XXI, 195—206.

Sherwill, W. S.

1625—1. 1844. [Note on "*Silajeet*" an aluminous efflorescence from the Palamow Forest]. *Journ. A. S. B.*, XIII, *Proc.* lxxxiii—lxxxiv.

—2. 1845. Note on a curious Sandstone formation at Sasseram, Zillah Shahabad. *Journ. A. S. B.*, XIV, 495—497.

—3. 1845. [Note on Corundum mines in Singrowlee]. *Journ. A. S. B.*, XIV, *Proc.*, xv.

—4. 1846. Note on the Geological features of Zillah Behar. *Journ. A. S. B.*, XV, 55—59.

—5. 1847. Geological notes on Zillah Shahabad, or Arrah. *Journ. A. S. B.*, XVI, 279—285.

—6. 1847. Statistics of the District of Behar. 4°, 22 pp., Calcutta.

—7. 1851. A sketch of the Behar Mica Mines. *Journ. A. S. B.*, XX, 295—298.

—8. 1851. Note on a specimen of Coal from Afzulpoor on the Adji River. *Journ. A. S. B.*, XX, 365.

—9. 1851. Notes upon a Tour through the Rajmahal Hills. *Journ. A. S. B.*, XX, 544—606.

—10. 1852. Note on Graphite from Kursiong, near Darjeeling. *Journ. A. S. B.*, XXI, 538.

—11. 1852. A Geological Map of Bengal. Calcutta.

—12. 1853. Notes upon a Tour in the Sikkim Himalayah Mountains, undertaken for the purpose of ascertaining the Geological Formation of Kunchinjinga and of the perpetually snow-covered peaks in its vicinity. *Journ. A. S. B.*, XXII, 540—570, 611—638.

NATIONAL ARCHIVES OF INDIA

Sherwill, W. S.—*contd.*

1625—13. 1854. [Note on a Meteorite which fell at Segowlee, 4th March, 1853]. *Journ. A. S. B.*, XXIII, 746—747.

—14. 1854. Geographical and Statistical Report of the District of Bhaugalpoor. Fol., 71 pp., Calcutta.

—15. 1855. Geographical and Statistical Report of the District of Beerbhoom. 4°, 53 pp., Calcutta.

—16. 1858. Report on the Rivers of Bengal. *Sel. Rec. Beng. Govt.*, XXIX, 1—19.

Shillingford, F. A.

1626 . 1895. On changes in the course of the Kusi River, and the probable dangers arising from them. *Journ. A. S. B.*, LXIV, Pt. 1, 1—24.

Short, W. D.

1627 . 1860. [Memorandum on the control of the Mahanuddy River]. *Sel. Rec. Beng. Govt.*, XXXV, 120—140.

Shortrede, R.

1628 . 1843. [Note on Lithographic Stone from Rewa]. *Journ. A. S. B.*, XII, 1026—1027.

Shortt, J.

1629—1. 1855. Report on the Medical Topography of the South Western Political Districts, embracing the partly unexplored country between Latitude 20° 48′ and 22° 12′ N. and Longitude 83° 15′ and 84° 10′ E. *Sel. Rec. Madras Govt.*, XIV.

—2. 1866. A General and Medical Topographical Report of the Madras District. *Mad. Quart. Med. Journ.*, IX, 222—267; X, 21—50.

—3. 1870—1876. The Hill Ranges of Southern India. 8°, 5 Parts, Madras.

Sibley, G.

1630 . 1873. Diagram of floods on the Jumna River during the years 1861-65. *Prof. Papers Ind. Eng.*, Ser. 2, II, 242.

NATIONAL ARCHIVES OF INDIA

Sibold, E. A.

1631—1. 1873. On the retrogression of level in Canals. *Prof. Papers Ind. Eng.*, Ser. 2, II, 141—144.

—2. 1879. Alluvion and Diluvion on the Punjab Rivers. *Prof. Papers Ind. Eng.*, Ser. 2, VIII, 235—242.

Silberrad, C. A.

1632—1. 1905. Note on a Decomposition Product of a Peculiar Variety of Bundelkhand Gneiss. *Journ. A. S. B.*, N. S., I, 168—171.

—2. 1912. Selenite in the Jhansi District, United Provinces. *Rec. G. S. I.*, XLII, 56—58.

Silliman, B.

1633—1. 1849. On a Granular Albite associated with Corundum, and on the Indianite of Bournon. *Amer. Journ. Sci*, Ser. 2, VIII, 389—391; *Phil. Mag.*, Ser. 3, XXXV, 484—486.

—2. 1849. On "Indianite" of Count Bournon, and on the American Mineral which has been distributed under the same Name. *Proc. Amer. Assoc.*, II, 131—134.

Sills, F.

1634 . 1875. Particulars of crushing N.-W. P. Stone Specimens. *Prof. Papers Ind. Eng.*, Ser. 2, IV, 146—150.

Sim, ———

1635 . 1833. Report on the Straits which separate the Ramnad Province in the Peninsula of India from the Island of Ceylon. *Journ. R. Geogr. Soc.*, IV, 7—25.

Sim, C. A.

1636 . 1864. [Note on the discovery of a Fossil Amphibian in the Puchmuri Hills]. *Journ. A. S. B.*, XXXIII, 461—462.

Simmersbach, B.

1637 . 1906. Die bergbauliche Entwicklung und die Metalleinfuhr von Britisch-Ostindien. *Zeits. f. Berg-Hütt.- u. Salinenw.* LIV, 308—314.

NATIONAL ARCHIVES OF INDIA

Simpson, E. S.

1638 . 1912. Notes on Laterite in Western Australia. *Geol. Mag.*, Dec. 5, IX, 399—406.

Simpson, F. L. G.

1639 . 1903. [On working a thick Coal-seam in India]. *Trans. N. E. Inst. Min. Eng.*, LII, 399—401 ; *Trans. Inst. Min. Eng.*, XXV, 397—399.

Simpson, R. R.

1640—1. 1903. [On working a thick Coal-seam in India]. *Trans. N. E. Inst. Min. Eng.* LII, 262—263 ; *Trans. Inst. Min. Eng.*, XXV, 192—193.

—2. 1903. Well-sinking in the Punjab. *Trans. N. E. Inst. Min. Eng.*, LIV, 47—50 ; *Trans. Inst. Min. Eng.*, XXVI, 47—50.

—3. 1904. Report on the Jammu Coal-fields. *Mem. G. S. I.*, XXXII, 189—263 (Abst., *Journ. I. S. Inst.*, LXVII., 575 ; *Geogr. Journ.*, XXV, 210—211 ; *Peterm. Mitth*, LI, *Litt.* 196—197, E. Wagner).

—4. 1904. Report on the Coal Deposits of Isa Khel, Mianwali, Punjab. *Rec. G. S. I.*, XXXI, 9—34 (Abst., *Journ. I. S. Inst.*, LXV, 510 ; *Bull. Imp. Inst.*, II, 185—186).

—5. 1904. [Note on the Iron Industry in India]. *Trans. Inst. Min. Eng.*, XXVII, 265—267.

—6. 1906. The Namma, Man-sang and Man-se-le Coal-fields, Northern Shan States, Burma. *Rec. G. S. I.*, XXXIII, 125—156 (Abst., *Journ. I. S. Inst.*, LXXII, 761).

—7. 1906. The Abandonment of the Collieries worked by the Government of India at Warora, Central Provinces. *Rec. G. S. I.*, XXXIV, 132—133 (Abst., *Journ. I. S. Inst.*, LXXIII, 397).

—8. 1906. The Jaipur and Nazira Coal-fields, Upper Assam. *Rec. G. S. I.*, XXXIV, 199—238 (Abst., *I. S. Inst.*, LXXV, 355 ; *Nature*, LXXVI, 64).

NATIONAL ARCHIVES OF INDIA

Simpson, R. R.—*contd.*

1640—9. **1906.** Note on the Makum Coal-field between the Tirap and Namdang Streams (Season 1905-06). *Rec. G. S. I.*, XXXIV, 239—241.

—10. **1913.** The Coal Fields of India. *Mem. G. S. I.*, XLI, 1—147+i—xliv (Review, *Geogr. Journ.*, XLIV, 82—85).

———, *see* **Ball, V., 72.**

———, *see* **La Touche, T. H. D., 1037.**

———, *see* **Pickering, W. H., 1403.**

Simpson, W.

1641 . **1879.** Ascent of Sikaram, one of the peaks of the Suffaid Koh Range, Afghanistan. *Alp. Journ.*, IX, 288—293.

Sinclair, W. E.

1642 . **1889.** [On Flint Remains in the Kolaba District, Bombay]. *Nature*, XLI, 114 (Abst., of paper read before the Bombay Anthropological Society).

Singer, H.

1643 . **1904.** Die Frage, ob dem Mont Everest der nepalesische Name Gaurisankar zukommt. *Globus*, LXXXVI, 270—271, 384.

Sipöcz, L.

1644 . **1873.** Kaliglimmer aus Ostindien (Analysis). *Mineral. Mitth.*, III, 31—32; *Jahrb. k. k. Geol. Reichsanst.*, XXIII, Pt. 2, 31—32.

Sivewright, R.

1645 . **1907.** Cutch and the Ran. *Geogr. Journ.*, XXIX, 518—539 (Abst., *Peterm. Mitth.*, LV, *Litt.*, 45—46, E. Wagner).

Skeat, W. W.

1646 . **1900—1901.** Reports on the Cambridge Exploring Expedition to the Malay Provinces of Lower Siam. *Rep. Brit. Assoc.*, LXX, 393—398; LXXI, 411—424.

NATIONAL ARCHIVES OF INDIA

Skinner, A. M.

1647—1. 1878. Geography of the Malay Peninsula. *Journ. Str. As. Soc.*, I, 52—62.

—2. 1878. Geographical Notes, Malay Peninsula. *Journ. Str. As. Soc.*, II, 222—229, III, 132—133.

Sladen, E. B.

1648—1. 1870. Official Narrative of the expedition to explore the Trade Routes to China *viâ* Bhamo. *Sel. Rec. Govt. India*, LXXIX, 19—173.

—2. 1871. Expedition from Burma, *viâ* the Irrawaddy and Bhamo, to South-Western China. *Journ. R. Geogr. Soc.*, XLI, 257—281 ; *Proc.*, XV, 343—364.

Sladen, W. Percy, *see* **Duncan, P. Martin, 513-1,-2.**

Slater, H. Kelsall.

1649—1. 1901. Preliminary Report on Geological Survey Work in the Shimoga District. *Rec. Mysore Geol. Dep.*, II, 118—130.

—2. 1902. Report on a Survey of the Country to the West of the Kolar Schist Belt. *Rec. Mysore Geol. Dep.*, III, 148—162.

—3. 1903. Report on Survey work in the Shimoga and Chitaldroog Districts. *Rec. Mysore Geol. Dep.*, IV, 119—146.

—4. 1904. Report on Survey work in portions of the Shimoga and Kadur Districts. *Rec. Mysore Geol. Dep.*, V, Pt. 2, 35—56.

—5. 1905. Report on the Geological Survey of portions of the Tarikere, Chennagiri and Shimoga Taluks, during the Field Season, 1904-05. *Rec. Mysore Geol. Dep.*, VI, Pt. 2, 5—27.

—6. 1906. Report on the Geological Survey of portions of the Shimoga, Tarikere, and Kadur Taluks, during the Field Season, 1905-06. *Rec. Mysore Geol. Dep.*, VII, Pt. 2, 1—20.

NATIONAL ARCHIVES OF INDIA

Slater, H. Kelsall—*contd.*

1649—7. 1907. Report on the Sorab and part of Shikarpur Taluks. *Rec. Mysore Geol. Dep.*, VIII, 31—59.

—8. 1907. Report on the Iron bearing rocks in the neighbourhood of Maddur and Malvalli. *Rec. Mysore Geol. Dep.*, VIII, 61—74.

—9. 1908. Report on the Geological Survey of a portion of the Kadur District. *Rec. Mysore Geol. Dep.*, IX, 35—58.

—10. 1912. Report on Survey work in the Holalkere, Davangere and Channagiri Taluks. *Rec. Mysore Geol. Dep.*, XII, Pt. 2, 1—44.

Smart, O. G.

1650 . 1878. On Brick-making in Burmah. *Prof. Papers Ind. Eng.*, Ser. 2, VII, 51—55.

Smart, R. B.

1651 . . 1869. Description of country surveyed in District Raepore, season 1867-68. *Sel. Rec. Govt. India*, LXXIV, 84—98.

Smee, W., *see* **Sykes, W. H., 1736**—2.

Smeeth, W. F.

1652—1. 1900. Report of work carried on by the Mysore Geological Department during the year 1897. *Rec. Mysore Geol. Dep.*, I, 61—67.

—2. 1901. General Report on the Work of the Mysore Geological Department for the years 1898 and 1899. *Rec. Mysore Geol. Dep.*, II, 1—52.

—3. 1901. Notes on a Tour across the Mysore State from the Kolar District to the Jog Falls. *Rec. Mysore Geol. Dep.*, II, 139—177.

—4. 1901. Report on the site for the Marikanave Dam. *Rec. Mysore Geol. Dep.*, II, 182—190.

—5. 1901. Report on samples of Water from Marikanave. *Rec. Mysore Geol. Dep.*, II, 191—194.

NATIONAL ARCHIVES OF INDIA

Smeeth, W. F.—*contd.*

1652—6. **1902.** General Report on the Work of the Mysore Geological Department for the years 1900 and 1901. *Rec. Mysore Geol. Dep.*, III, 1—76.

—7. **1903.** General Report on the work of the Mysore Geological Department from January 1902 to June 1903. *Rec. Mysore Geol. Dep.*, IV, 1—44.

—8. **1904.** General Report on the work of the Mysore Geological Department from July 1903 to June 1904. *Rec. Mysore Geol. Dep.*, V, Pt. 1, 1—37.

—9. **1904.** Air Blasts and Quakes on the Kolar Gold Field. *Bull. Mysore Geol. Dep.*, No. 2, 1—48.

—10. **1905.** The occurrence of Secondary Augite in the Kolar Schists. *Bull. Mysore Geol. Dep.*, No. 3, 1—84.

—11. **1907.** General Report of the work of the Mysore Geological Department from July 1906 to June 1907. *Rec. Mysore Geol. Dep.*, VIII, 1—21.

—12. **1908.** General Report of the work of the Mysore Geological Department from July 1907 to June 1908. *Rec. Mysore Geol. Dep.*, IX, 1—25.

—13. **1908.** Notes on a variety of Riebeckite (Bababudanite) and on Cummingtonite from the Mysore State. *Rec. Mysore Geol. Dep.*, IX, 85—94 (Abst., *Journ. Chem. Soc.*, C, Pt. 2, 737, L. J. S.).

—14. **1908.** Rock Densities in the neighbourhood of Edgar's Shaft, Mysore Mine, Kolar Gold Field. *Bull. Mysore Geol. Dep.*, No. 4, 1—16.

—15. **1909.** General Report of the Work of the Mysore Geological Department from July 1908 to June 1909. *Rec. Mysore Geol. Dep.*, X, 1—21.

—16. **1909.** Geological Report on Sites for a Reservoir Dam on the Kistna River. *Rec. Mysore Geol. Dep.*, X, 63—77.

NATIONAL ARCHIVES OF INDIA

Smeeth, W. F —*contd.*

1652—17. **1909.** Notes on the Electric Smelting of Iron and Steel. *Bull. Mysore Geol. Dept.*, No. 5, 1—134.

—18. **1910.** General Report of the work of the Mysore Geological Department from July 1909 to June 1910. *Rec. Mysore Geol. Dep.*, XI, 1—67.

—19. **1912.** General Report of the work of the Mysore Geological Department from July 1911 to June 1912. *Rec. Mysore Geol. Dep.*, XII, Pt. 1, 17—60.

—20. **1913.** General Report of the work of the Mysore Geological Department from July 1912 to June 1913. *Rec. Mysore Geol. Dep.*, XIII, 1—34.

—21. **1915.** The Geological History of Southern India. *Journ. A. S. B.*, N. S., XI, 141—151.

Smith, A.

1653 . **1866.** [Report on earthquakes at Chittagong, 15th December 1865]. *Proc. A. S. B.*, 38—43.

Smith, A. Mervyn.

1654—1. **1881.** The Gold Mines of S. India. *Journ. Soc. Arts*, XXIX, 745—747.

—2. **1886.** Report on the Gold Mines of S. India, Fol., Bangalore (Abst., *Min. Journ.*, LVI, 513).

—3. **1891.** Remarks on Gold Mining in India. *Min. Journ.*, LXI, 983—984.

—4. **1893.** Gold-Mining in India. *Trans. Inst. Min. Met.*, I, 313—341 (Abst., *Eng. Min. Journ.*, LVI, 81—82).

—5. **1897.** Notes on Blasting with No. 1 Dynamite, Blasting Gelatine, and Ammonite, in Chota Nagpur, Bengal, India. *Trans. Inst. Min. Met.*, V, 141—146 (Abst., *Coll. Guard.*, LXXIII, 224).

NATIONAL ARCHIVES OF INDIA

Smith, A. Mervyn—*contd.*

1654—6. **1899.** Mica Mining in Bengal, India. *Trans. Inst. Min. Met.*, VII, 168—174; *Coll. Guard.*, LXXVII, 346—347 (Abst., *Nature*, LIX, 397; *Imp. Inst. Journ.*, V, 98; *Eng. Min. Journ.*, LXVIII, 246; *Journ. Soc., Chem. Ind.*, XVIII, 314, A. W.).

—7. **1904.** The Geology of the Kolar Gold-Field. *Trans. Inst. Min. Met.*, XIII, 152—180; *Min. Journ.*, LXXV, 93—95, 176, 481 (Abst., *Eng. Min. Journ.*, LXXVII, 238—240).

Smith, D.

1655—1. **1856.** Report on the Coal and Iron Districts of Bengal, 8°,? Calcutta; *Sel. Rec. Govt. India*, LXIV, 74—90.

—2. **1857.** Report of the Sigrowlee and Kurhurbaree Coal Fields, 8°, Calcutta; *Sel. Rec. Govt., India*, LXIV, 90—98.

Smith, E.

1656—1. **1833.** Notes on the Specimens of the Kankar Formation, and on Fossil Bones collected on the Jumna. *Journ. A. S. B.*, II, 622—631.

—2. **1834.** [Note on Fossil Bones from the Jumna]. *Journ. A. S. B.*, III, 529.

Smith, E. A., *see* **Newton, R. Bullen, 1297.**

Smith, F. H.

1657—1. **1895.** On the Geology of the Tochi Valley. *Rec. G. S. I.*, XXVIII, 106—110.

—2. **1898.** The Geology of the Mikir Hills in Assam. *Mem. G. S. I.*, XXVIII, 71—95.

—3. **1900.** Preliminary Report on the Geology of the Ganjam District. *Gen. Rep. G. S. I.*, 1899—1900, 153—165 (Abst., *Geol. Centralbl.*, I, 210, A. v. Krafft).

Smith, G.

1658 **1856.** Description and plan of the Natron Lake of Loonar with an analysis of the Salt. *Mad. Journ. Lit. Sci.*, N. S., I, 1—15.

NATIONAL ARCHIVES OF INDIA

Smith, G. F. Herbert, *and* Prior, G. T.

1659 . 1910. On Fermorite, a new arsenate and phosphate of lime and strontia, and Tilasite, from the manganese-ore deposits of India. *Mineral. Mag.*, XVI, 84—96 (Abst., *Neu. Jahrb. f. Min.*, 1913, II, *Ref.* 208—209, K. Busz.; *Journ. Chem. Soc.*, C. Pt., 2, 1103—1104, L. J. S.).

———, *see* **Blake, G. S., 142-1,-2.**

Smith, H. E.

1660 . 1861. Earthquake in the District of Salem, 4th March 1861. *Mad. Journ. Lit. Sci.*, N. S., VI, 139.

Smith, H. U.

1661 . 1867. A Trip to Thibet, Kylas, Source of the Sutlej, and the Mansurwur and Rakhas Lakes. *Proc. R. Geogr. Soc.*, XI, 119—122.

Smith, J. A.

1662 . 1839. On the Table Land of Cumbaucum Droog. *Mad. Journ. Lit. Sci.*, IX, 311—312.

Smith, J. Lawrence.

1663 . 1850. Memoir on Emery. *Amer. Journ. Sci.*, X, 354—369; XI, 53—66.

Smith, N.

1664 . 1842. Remarks on the Geology of the Darjeeling District. *Cal. Journ. Nat. Hist.*, II, 109—111.

Smith, R.

1665 . 1882. Analyses of Coal and Fire-clay from the Makum Coal-field, Upper Assam. *Rec. G. S. I.*, XV, 58—60.

Smith, R. Baird.

1666—1. 1839. On the Crystalline Structure of the Trap Dykes, in the Sienite of Amboor; with an Enquiry into the Causes to which this Peculiarity of certain Igneous Rocks is due. *Mad. Journ. Lit. Sci.*, IX, 287—308.

—2. 1840. Notes illustrative of the Geology of Southern India. *Mad. Journ. Lit. Sci.*, XI, 315—323; *Cal. Journ. Nat. Hist.*, I, 188—199.

NATIONAL ARCHIVES OF INDIA

Smith, R. Baird—*contd.*

1666—3. 1841. On the Structure of the Delta of the Ganges, as exhibited by the Boring Operations in Fort William, A.D., 1836-40. *Cal. Journ. Nat. Hist.*, I, 324—343 (Abst., *Proc. Geol. Soc.*, IV, 4—6).

—4. 1841. Memorandum on the Organisation of a Museum of Economic Geology for the North-Western Provinces of British India, to be established at Agra. *Journ. A. S. B.*, X, 779—794.

—5. 1842. Notes on the Recent Earthquakes on the North-Western Frontier. *Journ. A. S. B.*, XI, 242—255.

—6. 1842. On the Geological Relations of Artesian Wells. *Cal. Journ. Nat. Hist.*, II, 20—31.

—7. 1843. Memoir on Indian Earthquakes. *Journ. A. S. B.*, XII, 257—293.

—8. 1843. Memoir on Indian Earthquakes. Part II.—Historical Summary of Indian Earthquakes, with some Remarks on the general distribution of Subterranean Disturbing Forces throughout India and its Frontier Countries. *Journ. A. S. B.*, XII, 1029—1056†.

—9. 1843. On Fictitious Vegetable Impressions in Sandstone Rocks. *Cal. Journ. Nat. Hist.*, III, 22—24.

—10. 1843. Remarks on Earthquakes in British India, contained in a Letter addressed to David Milne, Esq. *Edin. N. Phil. Journ.*, XXXIV, 107—109.

—11. 1844. Memoir on Indian Earthquakes. Part III :—Analysis of the Phenomena of Indian Earthquakes, as exhibited in the two preceding parts of this Memoir. *Journ. A. S. B.*, XIII, 964—983.

—12. 1845. Register of Indian and Asiatic Earthquakes for the year 1843. *Journ. A. S. B.*, XIV, 604—622.

Smith, Vincent A.

1667—1. 1897. The Iron Pillar of Delhi (Mihrauli) and the Emperor Candra (Chandra). *Journ. R. As. Soc.*, N. S., XXIX, 1—18.

NATIONAL ARCHIVES OF INDIA

Smith, Vincent A.—*contd.*

1667—2. 1898. The Iron Pillar of Dhar. *Journ. R. As. Soc.*, N. S., XXX, 143—145.

—3. 1905. The Copper Age and Prehistoric Bronze Implements of India. *Ind. Antiquary*, XXXIV, 229—244; XXXVI, 53—55.

Smith, W.

1668 . 1863. Report on Damoodah Floods in 1859. *Sel. Rec. Beng. Govt.*, XL, 13—29.

Smithe, J. D.

1669 . 1861. On the Gravel and Boulders of the Punjab. *Quart. Journ. Geol. Soc.*, XVII, Pt. I, 163; *Geologist*. IV, 149; *Phil. Mag.*, Ser. 4, XXI, 305.

Smyth, H. Warington.

1670 . 1895. Notes on a Journey to some of the South-Western Provinces of Siam. *Geogr. Journ.*, VI, 401—421, 522—545.

Smyth, R. Brough.

1671 . 1880. Report on the Gold Mines of the South-Eastern portion of the Wynaad and the Carcoor Ghât. Fol., 100 pp., Madras (Abst., *Min. Journ.*, L, 475—476).

Smyttan,—, *see* **Wilson, *Rev.* J., 1944.**

Snow, A. B.

1672 . 1905. Tin Mining in Lower Burma. *Min. Journ.*, LXXVIII, 247.

Soddy, F., *and* Hyman, H.

1673 . 1914. The Atomic Weight of Lead from Ceylon Thorite. *Journ. Chem. Soc.*, CV, 1402—1408.

Sol, — *see* **Lacroix, A., 1022.**

Somerville, Boyle T.

1674 . 1908. The Submerged Plateau surrounding Ceylon: some considerations regarding the formation of the Coast Line. *Spolia Zeyl.*, V, 69—79 (Abst., *Nature*, LXXVIII, 156).

NATIONAL ARCHIVES OF INDIA

Sommerfeldt, E.

1675—1. **1909.** Some Notes on Mineralogy: Isomorphism between Anhydrite and Barites. *Journ. A. S. B.*, N. S., V. 269.

—2. **1910.** Zeolites from Bhusawal. *Trans. Min. Geol. Inst. Ind.*, IV, 345—347.

Sopwith, A.

1676 . **1867.** On a portion of the Central Indian Coal-field. *Trans. Manch. Geol. Soc.*, VII, 23—34 (Abst. *Min. Journ.*, XXXVIII, 179).

Sorby, H. C.

1677—1. **1869.** A new Element Jargonium accompanying Zirconium, discovered by means of Spectrum Analysis. *Chem. News*, XIX, 121—123, 181, 205 (Abst., *Journ. Sci.*, VI, 450; *Journ. de Pharm.*, Ser. 4, X, 465—466).

—2. **1869.** On Jargonium, a New Elementary Substance associated with Zirconium. *Proc. Roy. Soc.*, XVII, 511—515; *Chem. News*, XX, 7—9 (Abst., *Phil. Mag.*, Ser. 4, XXXIX, 65—70.

—3. **1869.** On some remarkable Spectra of Compounds of Zirconia and the Oxides of Uranium. *Proc. Roy. Soc.*, XVIII, 197—207.

Sowerby, J. D. C.

1678 . **1832.** [Letter acknowledging receipt of Himalayan Fossil Shells, with a list of the same]. *Journ. A. S. B.*, I, 248—249.

Sowerby, W.

1679—1. **1855.** Observations on the Deposits of Iron Ore in the Lower Hills of Bhabur, at Loha Bhurbhur and Dechowree, made on the 28th and 29th of August 1855. *Sel. Rec. Govt. India*, VIII, A, 44—49.

—2. **1856.** Reports on the Survey of the Mineral Deposits in Kumaon, and on the Iron Smelting Operations experimentally conducted at Dechouree. *Sel. Rec. Govt. India*, XVII, 1—56, 83—85, 89—108.

NATIONAL ARCHIVES OF INDIA

Sowerby, W.—*contd.*

1679—3. **1856.** Some account of the recently-discovered Deposits of Iron-Ore at the foot of the Himalayas, in Kumaon, Northern India. *Proc. Inst. C. Eng.*, XVI, 82—84.

—4. **1857.** North of India Iron Works.—Assays of Ores, and Experiments on the Iron of Kumaon. *Ind. Journ. Arts.*, Ser. 2, 200—203.

—5. **1857.** Notes on the Ores of Iron of the Madras Presidency. *Ind. Journ. Arts*, Ser. 2, 204—206.

—6. **1859.** Report on the Government Iron Works at Kumaon, with Plans, Specifications, and Estimates for establishing Iron Works in Kumaon, and Remarks on the Iron Deposits of the Himalayas. *Sel. Rec. Govt. India*, XXVI, i—xiv, 1—93.

—7. **1867.** Memorandum on the Geological Action on the South Coast of Kattyawar, and in the Runn of Kutch. *Trans. Bo. Geogr. Soc.*, XVIII, 96—104.

—8. **1870.** Some account of the Navigation of the Nerbudda or Narmada River—with Remarks on the Gulf of Cambay. *Trans. Bo. Geogr. Soc.*, XIX, 17—38.

—9. **1874.** Tides and their action geologically and geographically considered. *Trans. Bo. Geogr. Soc.*, XIX, 121—142; *Proc.* lxxx—lxxxiv.

—10. **1882.** [On the Mineral Resources of India]. *Journ. Soc. Arts.*, XXX, 593—594.

—11. **1901.** Metalliferous Mining in India. *Journ. Soc. Arts*, XLIX, 193—194.

—12. **1901.** Water-Supply in mitigation of Drought in India. *As. Quart. Rev.*, Ser. 3, XI, 35—45, 171—178.

Spearman, H. R.

1680 . . **1879-1880.** The British Burma Gazetteer. 8°, 2 Vols., Rangoon (Vol. I, Chap. 1, Physical Geography; Chap. II, Geology).

NATIONAL ARCHIVES OF INDIA

Spencer, L. J.

1681 . **1904.** Irregularly developed crystals of Zircon (sp. gr. 4·0) from Ceylon. *Mineral. Mag.*, XIV, 43—48 (Abst., *Geol. Mag.*, Dec. 5, I, 236; *Nature*, LXIX, 575; *Neu. Jahrb. f. Min.*, 1906, I, *Ref.* 21, K. Busz; *Zeits. f. Kryst.*, XLII, 312, H. L. Bowman; *Spolia Zeyl.*, II, 189—190, A. K. Coomaraswamy).

Spengler, Erich.

1682 . **1910.** Untersuchungen über die südindische Kreideformation.—Die Nautiliden und Belemniten des Trichinopoly-distrikts. *Beitr. z. Pal. Oesterr. Ungarns*, XXIII, 125—157 (Abst., *Geol. Centralbl.*, XV, 550, E. Krenkel).

Spezia, G.

1683 . **1885.** Sulla Flessibilità dell' Itacolumite. *Atti. R. Accad. Sci. Torino*, XXI, 51—54 (Abst., *Neu. Jahrb. f. Min.*, 1887, I, *Ref.* 427; *Zeits. f. Kryst.*, XII, 202, A. Cathrein).

Spilsbury, G. G.

1684—1. **1827.** Notices of two hot springs situated in the valley of the Nerbudda, at the Northern Base of the Mahadeo Hills. *Trans. Med. Phys. Soc. Calcutta*, III, 450—451.

—2. **1833.** [Presentation of a large Fossil Bone from Jabalpur]. *Journ. A. S. B.*, II, 263; *Bibl. Univ.*, N. S., II, 186—187.

—3. **1833.** [On Fossil Shells from Jabalpur]. *Journ. A. S. B.* II, 205, 263.

—4. **1834.** Geological Section across the Valley of the Nerbudda, from Tendukheri to Bittoul. *Journ. A. S. B.*, III, 388—395.

—5. **1837.** Notice of new Sites of Fossil deposits in the Nerbudda Valley. *Journ. A. S. B.*, VI, 487—489; VII, 91.

—6. **1839.** [Letter forwarding specimens of coal from Lametur Ghat]. *Journ. A. S. B.*, VIII, 530.

—7. **1839.** On fifteen varieties of Fossil Shells found in the Saugor and Nerbudda territories. *Journ. A. S. B.*, VIII, 708—711.

NATIONAL ARCHIVES OF INDIA

Spilsbury, G. G.—*contd.*

1684—8. 1839. Notes on various Fossil Sites on the Nerbudda; illustrated by specimens and drawings. *Journ. A. S. B.*, VIII, 950—952.

—9. 1840. [On specimens of Fossil Alcyonites from Girhur, Central Provinces]. *Journ. A. S. B.*, IX, 625.

—10. 1840. Notes of a March from Brimhan Ghat on the Nerbudda to Umurkuntuk, the Source of that River. *Journ. A. S. B.*, IX, 889—903.

—11. 1841. Notes on Fossil Discoveries in the Valley of the Nerbudda. *Journ. A. S. B.*, X, 626—627.

—12. 1841. [Notes on coal near Jubbulpore, and on supposed fossils from the Nerbudda]. *Cal. Journ. Nat. Hist.*, I, 562—564.

—13. 1844. Notes on Nerbudda Fossils. *Journ. A. S. B.*, XIII, 765—766.

———, *see* **Piddington, H., 1405—9,—28.**

———, *see* **Prinsep, J., 1436—19.**

Spitz, Albrecht.

1685 . 1914. A Lower Cretaceous Fauna from the Himalayan Gieumal Sandstone together with a description of a few fossils from the Chikkim Series. Trans. by E. Vredenburg. *Rec. G. S. I.*, XLIV, 197—224 (Abst., *Revue Pal.*, XIX, 15—16, M. Cossmann).

Sprenger, A.

1686 . 1843. As-Soyúti's work on Earthquakes, called Kashf as-Salsalah 'an wasf Az-zal-zalah, *i.e.*, removing the noise from the description of the Earthquakes (or clearing up the description of Earthquakes). Translated from the Arabic. *Journ. A. S. B.*, XII, 741—749.

Spry, H. H.

1687—1. 1831. Memorandum.....relative to the Manufacture of Sulphate of Soda at Cawnpore. *Trans. Med. Phys. Soc. Calcutta.* V, 438.

NATIONAL ARCHIVES OF INDIA

Spry, H. H.—*contd.*

1687—2. 1832. Note on Indian Saline Deposits. *Journ. A. S. B.*, I, 503.

—3. 1832. [Letter accompanying specimens of silicified wood from Sagar, Central Provinces]. *Journ. A. S. B.*, I, 561.

—4. 1833. [Note on Fossil Shells discovered in a well near Sagar]. *Journ. A. S. B.*, II, 376—377, 549—550.

—5. 1833. Note on the Fossil Palms and Shells lately discovered on the Tableland of Sagar, in Central India. *Journ. A. S. B.*, II, 639—641.

—6. 1841. A three weeks' sail in search of Health—Province of Arracan—Kyok Phyoo—Its Harbour, Productions, Capabilities, Geological features—Visit to an active volcano. *Journ. A. S. B.*, X, 138—147.

———, *see* **Hinton, ——— 838.**

Sprye, R., *and* R. H. F.

1688 . 1860. Communication with the South-West Provinces of China from Rangoon in British Pegu. *Proc. R. Geogr Soc.*, V, 45—47.

Stark, J.

1689 . 1833. Discovery of the Silhet Coal Mines. *Journ. A. S. B.*, II, 47.

Steel, E. H.

1690—1. 1870. [Note on Earthquake in Assam, April 11th, 1870]. *Proc. A. S. B.*, 222—223.

—2. 1870. [Note on Assam Celts]. *Proc. A. S. B.*, 267—268.

Steiger, *Miss* Paula.

1691 . 1914. Additional Notes on the Fauna of the Spiti Shales. *Pal. Indica*, Ser. XV, IV, 457—511.

Steinbach, ———

1692 . 1846. The Punjaub; being a brief account of the country of the Sikhs. 8°, 183 pp., London.

NATIONAL ARCHIVES OF INDIA

Stelzner, A. W.

1693 . 1893. Ueber des vermeintliche Vorkommen von Diamant im hindostanischen Pegmatit. *Neu. Jahrb. f. Min.* I, 139—140.

Stephens, F. J.

1694—1. 1901. Mineral Features of Pahang, Malay Peninsula. *Trans. Inst. Min. Met.*, IX, 419—424 (Abst., *Eng. Min. Journ.*, LXXII, 569—570).

—2. 1902. Geology and Mineral Resources of Kumaon and Garhwal. *Trans. Inst. Min. Met.*, X, 393—417 (Abst., *Min. Journ.*, LXXII, 609).

—3. 1902. Note on the occurrence of Asbestos in the North-West Provinces of India. *Trans. Inst. Min. Met.*, XII, 192.

—4. 1903. Geological Notes on the North-West Provinces (Himalayan) of India. *Quart. Journ. Geol. Soc.*, LIX, 64; *Geol. Mag.*, Dec. 4, X, 45—46; *Phil. Mag.*, Ser. 6, V, 385—386 (*Abstracts*).

—5. 1905. Notes on a low-grade Copper-Ore Deposit in the Himalayas. *Min. Journ.*, LXXVII, 547).

Stephens, W. J.

1695—1. 1889. [Remarks on the distribution of the Gondwana System]. *Proc. Linn. Soc., N. S. W.*, Ser. 2, III, 1802—1816.

—2. 1889. An attempt to synchronise the Australian, South African, and Indian Coal Measures. *Proc. Linn. Soc., N. S. W.*, Ser. 2, IV, 331—356 (Abst., *Neu. Jahrb. f. Min.*, 1893, I, *Ref.* 511—516, K. Futterer).

Stephenson, J.

1696—1. 1834. On the Saline Nature of the Soil of Ghazipoor, and Manufacture of Common Salt, as practised by the Natives of the Villages of Tuttulapoor Ratouly, Sahory, Chilar, and Becompoor. *Journ. A. S. B.*, III, 36—39.

—2. 1834. On the Efflorescense of Khári Nún, or Sulphate of Soda, as found Native in the Soil of Tirhut and Sarun, in the Province of Behar. *Journ. A. S. B.*, III, 188—189.

NATIONAL ARCHIVES OF INDIA

Stephenson, J.—*contd.*

1696—3. **1835.** Note on the Vegetable Impressions in Agates. *Journ. A. S. B.*, IV, 507—509.

—4. **1836.** Analyses of Specimens of the Soil and Salt from the Samar, or Sambhur Lake salt-works. *Journ. A. S. B.*, V, 801—804.

—5. **1856.** Treatise on the Manufacture of Saltpetre, descriptive of the Operations and Proper Plans to be used for the manufacture of Culmee and Cooteah. 8°, 76 pp., Calcutta (Review, *Ind., Journ. Med. Phys. Sci.*, I, 10—16).

———, *see* **Prinsep, J., 1436**—26.

Stevens, G. J.

1697 . **1873.** Report on the Country around Aden. *Journ. R. Geogr. Soc.*, XLIII, 295—309.

Stevenson, J.

1698—1. **1833.** On the Manufacture of Saltpetre, as practised by the Natives of Tirhut. *Journ. A. S. B.*, II, 23—27.

—2. **1833.** Notice of a Native Sulphate of Alumina from the Aluminous Rocks of Nipal. *Journ. A. S. B.*, II, 321 (Abst., *Bibl. Univ.*, N. S., II, 185; *Neu. Jahrb. f. Min.*, 1836, 607—608).

—3. **1833.** Notice of a Native Sulphate of Iron from the Hills of Behar, and used by Native Dyers of Patna. *Journ. A. S. B.*, II, 321—322 (Abst., *Bibl. Univ.*, N. S., II, 185—186; *Neu. Jahrb. f. Min.*, 1836, 607).

—4. **1833.** Note on the Silâjit of Nipal. *Journ. A. S. B.*, II, 605—606.

—5. **1835.** Note on the Pea Stalactite of Tibet. *Journ. A. S. B.*, IV, 520.

Stevenson, J. F.

1699 . **1863.** Account of a visit to the hot springs of Pai in the Tavoy district. *Journ. A. S. B.*, XXXII, 383—386.

NATIONAL ARCHIVES OF INDIA

Stewart, C. E.

1700 . 1885. The Herat Valley and the Persian Border from the Hari-rud to Sistan. *Proc. R. Geogr. Soc.*, N. S., VIII, 139—156.

Stewart, J.

1701—1. 1819. Account of a Bed of Native Sub-Carbonate of Soda found in Malwa. *Trans. Bo. Lit. Soc.*, III, 53—54 (Abst., *Quart. Journ. Sci.*, XVI, 178—179).

—2. 1821. Geological Notes on the Strata between Malwa and Guzerat. *Trans. Bo. Lit. Soc.*, III, 538—541.

—3. 1838. The Pamben Passage. *Alex. E. I. Mag.*, XVI, 139—149, 250—258.

Stewart, J. L.

1702 . 1860. [Notes on the Geology of the Wazeeree country]. *Journ. A. S. B.*, XXIX, 314—318.

———, *see* **Oldham, T., 1326—24.**

Stewart, W. M.

1703 . 1844. [Notes on the Lithographic Stone from Rewah State]. *Journ. A. S. B.*, XIII, *Proc.* lx—lxi, cxix.

Stiffe, A. W.

1704—1. 1860. A visit to the Hot Springs of Bosher, near Muscat, with a Route Map. *Trans. Bo. Geogr. Soc.*, XV, 123—127.

—2. 1873. On the Mud-craters and Geological Structure of the Mekran Coast. *Quart. Journ. Geol. Soc.*, XXX, 50—53 (Abst., *Geol. Mag.*, Dec. 2, I, 84—85; *Phil. Mag.*, Ser. 4, XLVIII, 230).

—3. 1883. [Note on Fossil Wood from the Prince's Dock, Bombay]. *Quart. Journ. Geol. Soc.*, XL, Pt. 2, 4.

—4. 1889. Note on the Glaciation of Parts of the Valleys of the Jhelam and Sind Rivers in the Himalaya Mountains of Kashmir. *Quart. Journ. Geol. Soc.*, XLVI, 66—68; *Geol. Mag.*, Dec. 3, VII, 46—47; *Nature*, XLI, 190; *Phil. Mag.*, Ser. 5, XXIX, 135; *Neu. Jahrb. f. Min.*, 1891, II, *Ref.* 105—106, H. Behrens (*Abstracts*).

NATIONAL ARCHIVES OF INDIA

Stiffe, A. W.—*contd.*

1704—5. 1899. [On a Miocene *Cardium* (?) from the Makran Coast]. *Quart. Journ., Geol. Soc.*, LV, *Proc.* vi.

Still, J.

1705—1. 1906. Note on a subsidence at Kokkilay on the East Coast [of Ceylon]. *Spolia Zeyl.*, III, 238.

—2. 1906. Note on Waterholes [in Ceylon]. *Spolia Zeyl.*, IV, 142—145.

—3. 1908. Notes on Adam's Peak and some of the Paths in the Range. *Spolia Zeyl.*, V, 80—86.

Stirling, A.

1706 . 1825. An Account, Geographical, Statistical and Historical of Orissa Proper, or Cuttack. *As. Res.*, XV, 163—338.

Stirling, E., *see* **Prinsep, J., 1436—4.**

Stirling, W.

1707—1. 1841. A visit to the Falls of Sansadurra. *Trans. Bo. Geogr. Soc.*, VI, 5—7.

—2. 1841. Notice of Granite protruding through the Trap Rock in the bed of the river Nerbudda at Mundleysir. *Trans. Bo. Geogr. Soc.*, VI, 7—8.

Stodart, J.

1708 . 1818. A brief Account of Wootz, or Indian Steel, showing its fitness for making Surgical Instruments, and other Articles of fine Cutlery. 4°, 3pp., London; *As. Journ.*, V, 570—571.

Stodart, J., *and* Faraday, M.

1709 . 1820. Experiments on the Alloys of Steel, made with a View to its Improvement. *Quart. Journ. Sci.*, IX, 319—330.

Stoddard, J. F.

1710 . 1870. Report of Operations on the Irrawaddy Delta Survey during 1869. *Prof. Papers Ind. Eng.*, Ser. 1, VII, 352—378.

NATIONAL ARCHIVES OF INDIA

Stoehr, E.

1711—1. **1857.** Kupfererz Gebirge in Ostindien. *Neu. Jahrb. f. Min.*, 47—50.

—2. **1860.** Einige Bemerkungen über den District Singhbum in Bengalen. *Vierteljahrs. Naturf. Ges. Zurich*, V, 329—362 (Abst., *Rec. G. S. I.*, III, 86—93).

—3. **1861.** Die Singhbhum-Abtheilung der Provinz der Südwest-Grenze von Bengalen. *Peterm. Mitth.*, VII, 219—226.

—4. **1864.** Das Kupfererz-Vorkommen in Singhbhum, Provinz der Südwest-Grenze von Bengalen. *Neu. Jahrb. f. Min.*, 129—159 (Abst., *Rec. G. S. I.*, III, 86—93; *Geol. Mag.*, Dec. 1, VIII, 127).

Stoliczka, F.

1712—1. **1863.** Expedition über das Himalaya-Gebirg. *Jahrb. k. k. Geol. Reichsanst*, XIV, *Verhandl.*, 121—122, 215—216.

—2. **1863.** Über seine paläontologischen Arbeiten in Calcutta. *Neu. Jahrb. f. Min.*, 564.

—3. **1864.** Schreiben aus Simla am 3 October 1864 an Herrn W. Ritter von Haidinger. *Sitz. k. Akad. Wiss.*, L, Abth. 1, 379—382 (Abst., *L'Institut*, XXXIII, 128).

—4. **1865.** The Cretaceous Fauna of Southern India. The Cephalopoda. *Pal. Indica*, Ser. I and III, I, i—vii + 41—216 (Abst., *Neu. Jahrb. f. Min.*, 1864, 505; 1865, 106—107, 888—889; 1866, 628, 865—866).

—5. **1865.** Geological Sections across the Himalayan Mountains, from Wangtu-Bridge on the river Sutlej to Sungdo on the Indus: with an account of the formations in Spiti, accompanied by a revision of all known fossils from that district. *Mem. G. S. I.*, V, 1—154 (Abst., *Geol. Mag.*, Dec. 1, II, 265—266; *Journ. Sci.*, III, 277—278; *Neu. Jahrb. f. Min.*, 1866, 616—619; *Jahrb. k. k. Geol. Reichsanst*, XVI, *Verhandl.*, 8—9).

NATIONAL ARCHIVES OF INDIA

Stoliczka, F.—*contd.*

1712—6. **1865.** On the Character of the Cephalopoda of the South Indian Cretaceous Rocks. *Quart. Journ. Geol. Soc.*, XXI, Pt. 1, 407—412 (Abst., *Geol. Mag.*, Dec. 1, II, 272; *Bibl. Univs*, N. S., XXIII, 230; *Neu. Jahrb. f. Min.*, 1866, 492—494).

—7. **1865.** Geologischer Bau des Himalaya. *Jahrb. k. k. Geol. Reichsanst*, XV, *Verhandl.*, 138—140.

—8. **1865.** Ein Schreiben aus Kaschmir an Herrn W. Ritter von Haidinger. *Sitz. k. Akad. Wiss.*, LII, Abth. 1, 664—668.

—9. **1866.** Summary of Geological Observations during a visit to the Provinces—Rupshu, Karnag, South Ladak, Zanskar, Suroo and Dras—of Western Tibet, 1865. *Mem. G. S. I.*, V, 337—354 (Abst., *Neu. Jahrb. f. Min.*, 1867, 492).

—10. **1866.** Geologische Verhältnisse im Himalaya-Gebirge. *Jahrb. k. k. Geol. Reichsanst.*, XVI, *Verhandl.*, 11.

—11. **1868.** The Cretaceous Fauna of Southern India.—The Gastropoda. *Pal. Indica*, Ser. V, II, i—xiii + 1—498 (Abst., *Neu. Jahrb. f. Min.*, 1868, 236—238; 1869 630—631; 1871, 207—210).

—12. **1868.** Additional Observations regarding the Cephalopodous Fauna of the South Indian Cretaceous Deposits. *Rec. G. S. I.*, I, 32—37 (Abst., *Neu. Jahrb. f. Min.*, 1869, 631—632; *Verh. k. k. Geol. Reichsanst.*, 1869, 15—16, U. Schloenbach).

—13. **1868.** General Results obtained from an examination of the Gastropodous Fauna of the South Indian Cretaceous deposits. *Rec. G. S. I.*, I, 55—59.

—14. **1868.** [Notes on the Sutlej Valley]. *Journ. A. S. B.*, XXXVII, Pt. 2, 4—11; *Peterm. Mitth.*, XVI, 8—12.

—15. **1868.** On Jurassic Deposits in the North-West Himalaya. *Quart. Journ. Geol. Soc.*, XXIV, Pt. 1, 506—509 (Abst., *Geol. Mag.*, Dec. 1, V, 390; *Journ. Sci.*, VI, 123; *Phil. Mag.*, Ser. 4, XXXVII, 153; *Verh. k. k. Geol. Reichsanst*, 1869, 174).

NATIONAL ARCHIVES OF INDIA

Stoliczka, F.—*contd.*

1712—16. 1868. Die Andaman Inseln, Assam, u. s. w. (aus einem Breife an Herrn Director v. Hauer). *Verh. k. k. Geol. Reichsanst.*, 192—193.

—17. 1869. Osteological notes on *Oxyglossus pusillus* (*Rana pusilla*, Owen), from the tertiary frog-beds in the Island of Bombay. *Mem. G. S. I.*, VI, 387—394.

—18. 1869. Note on *Pangshura tecta*, and two other species of Chelonia, from the newer tertiary deposits of the Nerbudda Valley. *Rec. G. S. I.*, II, 36—39 (Abst., *Neu. Jahrb. f. Min.*, 1871, 535—536).

—19. 1870. Note on the Kjökkenmöddings of the Andaman Islands. *Proc. A. S. B.*, 13—23 (Abst., *Neu. Jahrb. f. Min.*, 1870, 1019).

—20. 1870. Reisen in Hinter-Indien, auf die Nikobaren and Andamanen (Aus einem Schreiben an Herrn Hofrath v. Haidinger). *Verh. k. k. Geol. Reichsanst.*, 23—28.

—21. 1871. The Cretaceous Fauna of Southern India.—The Pelecypoda. *Pal. Indica*, Ser. VI, III, i—xxii + 1—538 (Abst., *Journ. de Conch.*, XX, 189—191, 238—241, H. Crosse; *Neu. Jahrb. f. Min.*, 1872, 230—235).

—22. 1871. Observations on Fossil Crabs from Tertiary Deposits in Sind and Kutch. *Pal. Indica*, Ser. VII, I, Pt. 1, 1—16.

—23. 1871. Geologische Arbeiten in Indien. *Verh. k. k. Geol. Reichsanst.*, 109—110 (Abst., *Neu. Jahrb. f. Min*, 1871, 960).

—24. 1873. The Cretaceous Fauna of Southern India.—The Brachiopoda, Ciliopoda, Echinodermata, Corals, etc. *Pal. Indica*, Ser. VIII, IV, i—v + 1—202 (Abst., *Journ de Conch.*, XXI, 95—97, H. Crosse; *Neu. Jahrb. f. Min.*, 1873, 781—783, 889—890).

—25. 1874. A brief account of the Geological Structure of the Hill-ranges between the Indus Valley in Ladak and Shah-i-Dula on the Frontier of Yarkand Territory *Rec. G. S. I.*, VII, 12—15; FORSYTH'S *Report*, 460—462; *Yarkand*, 15—18

NATIONAL ARCHIVES OF INDIA

Stoliczka, F.—*contd.*

1712—26. 1874. Geological notes on the route traversed by the Yarkand Embassy from Shahidula to Yarkand and Kashgar, *Rec. G. S. I.*, VII, 49—51; *Quart. Journ. Geol. Soc.*, XXX, 571—573; FORSYTH'S *Report*, 462—464, *Yarkand*, 21—23 (Abst., *Phil. Mag.*, Ser. 4, L, 326).

—27. 1874. Note regarding the occurrence of Jade in the Karakash Valley, on the southern borders of Turkistan. *Rec. G. S. I.*, VII, 51—53; *Quart. Journ. Geol. Soc.*, XXX, 568—570; FORSYTH'S *Report*, 464—466; *Yarkand*, 18—20 (Abst., *Phil. Mag.*, Ser. 4, XLIX, 240).

—28. 1874. Geological observations made on a visit to the Chaderkul, Thian Shan Range. *Rec. G. S. I.*, VII, 81—85; *Quart. Journ. Geol. Soc.*, XXX, 574—580; FORSYTH'S *Report*, 466—470; *Yarkand*, 24—29 (Abst., *Geol. Mag.*, Dec. 2, I, 429; *Phil. Mag.*, Ser. 4, L, 325—326).

—29. 1874. [Note on the Pamir]. *Rec. G. S. I.*, VII, 86.

—30. 1874. Notiz über den Bau der Gebirgsketten zwischen dem Indus-Thal in Ladak und der Ebene von Yarkand und Kashgar. *Verh. Ges. f. Erdk.*, I, 183—187.

—31. 1875. The Altum-Artush considered from a geological point of view. *Rec. G. S. I.*, VIII, 13—16; FORSYTH'S *Report*, 470—473; *Yarkand*, 30—33.

————, *see* **Ball, V., 71—64.**

————, *see* **Blanford, W. T., 148—62.**

————, *see* **Feistmantel, O., 570—1.**

————, *see* **Richthofen, F. von, 1480—4, —5.**

Stoliczka, F., *and* Blanford, H. F.

1713 . 1866. Catalogue of the specimens of Meteoric Stones and Meteoric Irons in the Museum of the Asiatic Society of Bengal, Calcutta, corrected up to January 1866. *Journ. A. S. B.*, XXXV, Pt. 2, 43—45.

NATIONAL ARCHIVES OF INDIA

Stone, G. H.

1714 . 1889. On the Scratched and Facetted Stones of the Salt Range, India. *Geol. Mag.*, Dec. 3, VI, 415—425 (Abst., *Neu. Jahrb. f. Min.*, 1891, I, *Ref.* 91, H. Behrens).

Stonier, G. A.

1715—1. 1900. Preliminary Report on the Auriferous tract in the Wuntho District in Burma. *Gen. Rep. G. S. I.*, 1899—1900, 59—63.

—2. 1904. Graphite-Mining in Ceylon and India. *Trans. Inst. Min. Eng.*, XXVII, 536—545 (Abst., *Eng. Min. Journ.*, LXXVIII, 187).

—3. 1904. [On well-sinking in India]. *Trans. N. E. Inst. Min. Eng.*, LV, 26—27.

—4. 1904. Map of the Jherria Coal-field. *Coll. Guard.*, LXXXVIII, *Ind. Suppl.*, 5.

—5. 1905. The Bengal Coal-fields, and some Methods of Pillar-Working in Bengal. *Trans. Inst. Min. Eng.*, XXVIII, 537—551 (Abst., *Min. Journ.*, LXXVI, 312; *Eng. Min. Journ.*, LXXX, 436—438).

—6. 1905. The Coal-fields of India.—Raniganj Section (Bengal). *Coll. Guard.*, LXXXIX, *Ind. Suppl.*, 21—22.

Storer, F. H., *see* Warren, C. M., 1890.

Strachey, H.

1716—1. 1848. Narrative of a Journey to Cho Lagan (Rákas Tal), Cho Mapan (Mánasarówar), and the valley of Pruang in Gnari, Húndés, in September and October 1846. *Journ. A. S. B.*, XVII, Pt. 2, 98—120, 127—182, 327—351.

—2. 1848. Explanation of the Elevations of places between Almorah and Gangri. *Journ. A. S. B.*, XVII, Pt. 2, 527—531.

—3. 1853. Physical Geography of Western Tibet. *Journ. R. Geogr. Soc.*, XXIII, 1—69.

NATIONAL ARCHIVES OF INDIA

Strachey, *Sir* R.

1717—1. **1847.** A Description of the Glaciers of the Pindur and Kuphine rivers in the Kumaon Himalaya. *Journ. A. S. B.*, XVI, 794—812; *Edin. N. Phil. Journ.*, XLIV, 108—122.

—2. **1848.** Note on the motion of the Glacier of the Pindur in Kumaon. *Journ. A. S. B.*, XVII, Pt. 2, 203—205; *Edin. N. Phil. Journ.*, XLVI, 258—262.

—3. **1848.** [Note on the lakes of Tibet, etc.]. *Journ. A. S. B.*, XVII, Pt. 2, 578—580.

—4. **1848.** On the Rate of Progression of the Himalayan Glaciers. *Proc. Roy. Soc. Edinb.*, II, 196.

—5. **1849.** On the Snow-line in the Himalaya. *Journ. A. S. B.*, XVIII, 287—310; *Edin. N. Phil. Journ.*, XLVII, 324—350 (Abst., *Amer. Journ. Sci.*, Ser. 2, XI, 244—249).

—6. **1850** Notice of a Trip to the Niti Pass. *Journ. A. S. B.*, XIX, 79—82.

—7. **1850.** Scientific Enquiries in Kumaon. *Journ. A. S. B.*, XIX, 239—242.

—8. **1851.** On the Geology of Part of the Himalaya Mountains and Tibet. *Quart. Journ. Geol. Soc.*, VII, Pt. 1, 292—310 (Abst., *Rep. Brit. Assoc.*, XXI, *Sections*, 69—70).

—9. **1851.** On the Physical Geography of the Provinces of Kumáon and Garhwál in the Himalaya Mountains, and of the adjoining parts of Tibet. *Journ. R. Geogr. Soc.*, XXI, 57—85 (Abst., *Rep. Brit. Assoc.*, XXI, *Sections*, 92—94; *Bibl. Univ.*, Ser. 4, XVIII, 238—240).

—10. **1854.** On the Physical Geology of the Himalaya. *Quart. Journ. Geol. Soc.*, X, Pt. 1, 249—253; *Amer. Journ. Sci.*, Ser. 2, XX, 121—125 (*Abstracts*).

—11. **1856.** Report on a project for the establishment of Iron Works in the Kumaon Bhabur. 8°,63 pp., Agra.

NATIONAL ARCHIVES OF INDIA

Strachey, *Sir* **R.**—*contd.*

1717—12. 1858. [Remarks upon a flood in the Indus, August 10, 1858]. *Journ. A. S. B.*, XXVII, 366—367.

—13. 1864. [Memorandum on the nature and origin of Reh]. *Sel. Rec. Govt. India*, XLII, 57—60.

—14. 1894. The Landslip at Gohna, in British Garhwal. *Geogr. Journ.*, IV, 162—170.

—15. 1900. Narrative of a Journey to the Lakes Rakas-Tal and Manasarowar, in Western Tibet, undertaken in September 1848. *Geogr. Journ.*, XV, 150—170, 243—264, 394—415.

Strahan, A., *see* **Lenox Conyngham, G. P., 1058.**

Streeter, G. Skelton.

1718 . 1889. The Ruby Mines of Burma. *Journ. Soc. Arts*, XXXVII, 266—275 (Abst., *Nature*, XXXVI, 596).

Stremme, H.

1719 1914. Laterit und Terra rossa als illuviale Horizonte humoser Waldboden. *Geol. Rundschau*, V, 480—499.

Strong, F. C.

1720 . 1832. [Note on the progress of boring experiments in Fort William]. *Journ. A. S. B.*, I, 250—251.

Strover, G. A.

1721 . 1873. Memorandum on the Metals and Minerals of Upper Burmah. *Ind. Economist*, V, 13-14; *Chem. News*, XXVIII, 187—190; *Geol. Mag.*, Dec. 1, X, 356—361.

Stuart, A. J.

1722 . 1879. A Manual of the Tinnevelly District in the Presidency of Madras. 8°, 302 pp., Madras (Chapter 1 contains a brief note on the Geology).

Stuart, Murray.

1723—1. 1908. Report on the Suitability of the Sands occurring in the Rajmahal Hills for Glass Manufacture. *Rec. G. S. I.*, XXXVII, 191—198.

NATIONAL ARCHIVES OF INDIA

Stuart, Murray—*contd.*

1723—2. **1908.** Growth of Alunogen crystals on a Meteorite. *Rec. G. S. I.*, XXXVII, 224.

—3. **1909.** China-clay and Fire-clay deposits in the Rajmahal Hills. *Rec. G. S. I.*, XXXVIII, 133—148.

—4. **1909.** The Occurrence of Coal at Gilhurria in the Rajmahal Hills. *Rec. G. S. I.*, XXXVIII, 149—151 (Abst., *Trans. N. E. Inst. Min. Eng.*, LX, *App.* 57, A. P. A. S.).

—5. **1910.** Geology and Prospects of Oil in Western Prome and Kama, Lower Burma (including Namayan, Padaung, Taungbogyi, and Ziaing). Rec. *G. S. I.*, XXXVIII, 259—270.

—6. **1910.** The Re-correlation of the Pegu system in Burma, with notes on the horizon of the Oil-bearing strata (including the Geology of Padaukpin, Banbyin, and Aukmanein). *Rec. G. S. I.*, XXXVIII, 271—291.

—7. **1910.** Fossil Fish Teeth from the Pegu System, Burma. *Rec. G. S. I.*, XXXVIII, 292—301 (Abst., *Revue Pal.*, XIV, 237).

—8. **1910.** The Sedimentary Deposition of Oil. *Rec. G. S. I.* XL, 320—333 (Abst., *Geol. Mag.*, Dec. 5, IX, 570—572).

—9. **1912.** The Geology of the Henzada District, Burma. *Rec. G. S. I.*, XLI, 240—265.

———, *see* **Vredenburg, E.W., 1855.**

Suess, E.

1724—1. **1862.** [Trias-Petrefacte aus Ost-Indien,—Rajhoti Pass]. *Jahrb. k. k. Geol. Reichsanst.*, XII, *Verhandl.*, 258 (Abst., *Neu. Jahrb. f. Min.*, 1863, 498).

—2. **1892-1909.** Das Antlitz der Erde. 4°, 3 Vols., Wien and Leipzig (*English Trans.*, 1904—1909, 4 Vols., Oxford).

———, *see* **de Lapparent, A. 457-1.**

———, *see* **Gregory, J. W., 704-5.**

NATIONAL ARCHIVES OF INDIA

Suess, E., Frech, F., Mojsisovics, E. v., Teller, F., *and* Uhlig, V.

1725 . 1894. Beiträge zur Stratigraphie Central-Asiens auf grund der aufsammlungen von F. Stoliczka und K. Bogdanowitsch. *Denks. k. Akad. Wiss.*, LXI, 431—466 (Abst., *Neu. Jahrb. f. Min.*, 1896, 1, *Ref.* 283—285, Kayser).

Summers, A.

1726—1. 1851. An Account of the Agate and Carnelian Trade of Cambay. *Journ. Bo. As. Soc.*, III, Pt. 2, 318—327.

—2. 1854. Statement of the wrought Agates, Carnelians, etc., together with the varied processes of preparation, and value of the Trade at Cambay. *Sel. Rec. Bo. Govt.*, N. S., IV, 26—36.

Supan, A.

1727 . 1904. Der Name des höchsten Berges der Erde. *Peterm. Mitth.*, L, 248—249.

Sutherland, J.

1728 . 1844. Cursory Observations on the Route from the North-West Provinces to Upper Scinde, illustrative of the Statistics and Geological Features of the Rivers Sutlej, Punjnud or Chena, and Scinde or Indus. 8°, 40 pp., Calcutta.

Sutherland, W.

1729—1. 1898. Along a Shan Road, Southern Shan States, Upper Burma. *Scot. Geogr. Mag.*, XIV, 188—198.

2. 1898. South Tenasserim and the Mergui Archipelago. *Scot. Geogr. Mag.*, XIV, 449—464.

Svoboda, S.

1730—1. 1888. Ein kurzer Besuch auf den Nicobaren. *Mitth. k. k. Geogr. Ges.*, XXXI, 261—286.

2. 1889. Die Nikobareninsel und ihre Bewohner. *Mitth. k. k. Geogr. Ges.*, XXXII, 88—114.

Swan, R. M. W.

1731 1904. Note on Stone Implements from Pahang. *Man.* IV, No. 34.

NATIONAL ARCHIVES OF INDIA

Swiney, J. D.

1732—1. 1864. [Note on Flint and Stone Implements from Jubbulpore]. *Journ. Bo. As. Soc.*, VIII, *Proc.*, xvii—xviii.

—2. 1865. [Notes on flint arrow heads discovered in the Jubbulpore district]. *Proc. A. S. B.*, 77—80.

————, *see* **Haswell, J., 783.**

Swinhoe, Rodway C. J.

1733—1. 1902. Prehistoric Man in Burma. *Zoologist*, Ser. 4, VI, 321—336 (Abst., *Nature*, LXVI, 541).

—2. 1903. Some further Notes on Chipped Flints at Yenangyoung, Upper Burma. *Zoologist*, Ser. 4, VII, 254—259.

Swynnerton, C.

1734 . 1880. On a Celt of the Palæolithic type, found at Thandiani, Punjab. *Proc. A. S. B.*, 175.

Sykes, P. Molesworth.

1735 . 1902. The Geography of Southern Persia as affecting its History, together with a brief Account of the Helmand Delta and the Great Desert of Persia known as the Lut. *Rep. Brit. Assoc.*, LXXII, 677—678; *Nature*, LXVI, 642 (*Abstracts*).

Sykes, W. H.

1736—1. 1833. On a portion of Dukhun, East Indies. *Geol. Trans.*, Ser. 2, IV, 409—432; *Mad. Journ. Lit. Sci.*, VI, 344—374; *Western India*, 89—115 (Abst., *Proc. Geol. Soc.*, I, 417—419; *Phil. Mag.*, Ser. 2, II, 304—306; *Bull. Soc. Géol. France*, Ser. 1, V, 386—387; VIII, 253—254, A. Boué; *Neu. Jahrb. f. Min.*, 1833, 361).

—2. 1834. A notice respecting some Fossils collected in Cutch, by Capt. Walter Smee. *Geol. Trans.*, Ser. 2, V, 715—719; *Western India*, 460—466 (Abst., *Proc. Geol. Soc.*, II, 77; *Neu. Jahrb. f. Min.*, 1835, 369; *Phil. Mag.*, Ser. 2, V, 217).

—3. 1837. Special Report on the Statistics of the Four Collectorates of Dukhun, under the British Government. *Rep. Brit. Assoc.*, VI, 217—336.

NATIONAL ARCHIVES OF INDIA

Sykes, W. H., *and* Egerton, *Sir* P. de M. G.

1737 . 1851. On a Fossil Fish from the tableland of the Deccan, in the Peninsula of India. *Quart. Journ. Geol. Soc.*, VII, Pt. 1, 272—273; *Journ. Bo. As. Soc.*, V, 146—148; *Western India*, 301—303.

Symes, Michael.

1738—1. 1800. An Account of an Embassy to the Kingdom of Ava, sent by the Governor-General of India, in the year 1795. 4°, 504 pp., London; *Reprint*, 12°, Edinburgh, 1827.

—2. 1826. A brief account of the Religion and Civil Institutions of the Burmese; and a description of the Kingdom of Assam, to which is added an account of the Petroleum Wells, in the Burma Dominions, extracted from a Journal from Rangoom up the river Erawaddy to Amaraporah, the present capital of the Burmah Empire. 8°, 151 pp., Calcutta.

Szechenyi, *Graf* Bela.

1739 . 1893-1899. Die wissenschaftliche Ergebnisse der Reise des Grafen Béla Széchenyi in Ostasien, 1877—1880. 4°, 3 Vols. and Atlas, Wien.

———, *see* **Lóczy, L. *von*, 1083—2,—3.**

T

T., ———P.

1740 . 1830. On the Salt-Water Lakes in the vicinity of Calcutta, with suggestions for filling them up by Warping. *Glean. Sci.*, II, 201—207.

Tagore, *Raja Sir* Sourindro Mohan.

1741 . 1879-1881. Mani-Málá: or a Treatise on Gems. 8°, 2 parts, Calcutta.

Talbot, M. G., *see* Maitland, P. J., 1155.

NATIONAL ARCHIVES OF INDIA

Tanatar, J. J.

1742 . 1907. Beitrag zur Kenntnis der Rubinlagerstätte von Nanya-zeik. *Zeits. f. prakt. Geol.*, XV, 316—320 (Abst., *Zeits. f. Kryst.*, XXVII, 401, E. Kaiser).

Tanner, C.

1743 . 1872. The Lushai Expedition. *Proc. R. Geogr. Soc.*, XVII, 42—55.

Tanner, H.

1744 . 1835. Note on the Asserhur of the Rajmahal Hills. *Journ. A. S. B.*, IV, 707—708.

Tanner, H. C. B.

1745 . 1891. Our present Knowledge of the Himalayas. *Proc. R. Geogr. Soc.*, N. S., XIII, 403—423 (Abst., *Nature*, XLIII, 621—623).

Tanner, H. C. B., *and* Freshfield, D. W.

1746 . 1886. The Great Peaks of the Himalaya. *Alp. Journ.*, XII, 438—460.

Tavernier, Jean Baptista, *Baron of Aubbonne.*

1747 . 1684. Collections of Travels through Turky into Persia, and the East Indies. Giving an Account of the Present State of those Countries. As also a full relation of the five years' Wars between Aurang-Zebe and his Brothers in their Father's life-time, about the Succession. And a Voyage made by the Great Mogul (Aurang-Zebe) with his Army from Delhi to Lahor, from Lahor to Bember, and from thence to the Kingdom of Kachemire, by the Mogols called the Paradise of the Indies.....Fol., 2 Vols., London.

———, *see* **Ball, V., 71-67.**

Taylor, *Rev.* H. S.

1748—1. 1857. [Notes on a fall of Meteoric Stones at Parnallee, February 28, 1857]. *Journ. A. S. B.*, XXVI, 287—291.

—2. 1857. [On the fall of Meteoric Stones at Parnallee, Madura district, 28th February, 1857]. *Mad. Journ. Lit. Sci.*, N. S., II, 130—133 ; *Trans. Bo. Geogr. Soc.*, XIII, Appendix B., 5—7.

NATIONAL ARCHIVES OF INDIA

Taylor, R.

1749 . 1866. Notes on the Physical changes at the Koen Pagoda near Madras. *Proc. A. S. B.*, 51—52.

Taylor, R. F.

1750 . 1875. Iron-smelting and the Napier Foundry, Madras. *Ind. Economist*, VI, 131—133.

Taylor, R. Meadows.

1751—1. 1853. Note on specimens of Limestone from Shorapore. *Journ. Bo. As. Soc.*, V, 389—390.

—2. 1862. Sketch of the Geology of the District of Shorapur, Soorpoor, in the Dekhan. *Journ. Geol. Soc. Dublin*, X, 24—33.

—3. 1862. Description of Cairns, Cromlechs, Kistvaens, and other Celtic, Druidical, or Scythian Monuments in the Dekhan. *Trans. R. I. Acad.*, XXIV, Pt. 3, 329—362.

—4. 1873. The Coal-fields of Central India, from the Reports of the Geological Survey of India and other Official Sources. *Journ. R. Geol. Soc. Ireland*, III, 125—144.

Taylor, T. G.

1752 . 1847. Memoranda regarding a Boring executed on the Sea Beach, at Madras, in the months of July and August, 1845, under the orders of the Pier Committee. *Mad. Journ. Lit. Sci.*, XIV, Pt. 1, 183—186.

Taylor, T. M.

1753—1. 1836. Note on the Progress of the Boring in Fort William. *Journ. A. S. B.*, V, 374—375.

—2. 1837. Report Progress of the Boring Experiment in Fort William. *Journ. A. S. B.*, VI, 234—237; *Mad. Journ. Lit. Sci.*, VII, 470—473.

Tecla, N.

1754 . 1870. Chemische Untersuchung des Meteoriten von Goalpara in Assam (Indien). *Sitz. k. Akad. Wiss.*, LXII, Abth. 2, 852—854.

NATIONAL ARCHIVES OF INDIA

Teller, F, *see* **Suess, E., 1725.**

Temple, *Sir* **R. C.**

1755—1. 1864. Report on the Mahanuddy and its Tributaries; the Resources and Trade of the adjacent Countries, and the proposed Works for the improvement of Navigation and Irrigation. *Sel. Rec. Govt. India,* XLIII, 1—45.

—2. 1865. On the Basin of the River Mahanuddy. *Journ. R. Geogr. Soc.,* XXXV, 70—74 (Abst., *Proc. R. Geogr. Soc.* IX, 81—85).

—3. 1880. The Highway from the Indus to Candahar. *Proc. R. Geogr. Soc.,* N. S., II, 529—548.

—4. 1881. The Lake Region of Sikkim, on the Frontier of Tibet. *Proc. R. Geogr. Soc.,* N. S., III, 321—340.

—5. 1882. The Central Plateau of Asia. Presidential Address, British Association, Section E. *Rep. Brit. Assoc.,* LII, 613—622; *Nature,* XXVI, 437—441.

—6. 1893. Notes on Antiquities in Rammadesa [Caves of Amherst District, Burma]. *Ind. Antiquary,* XXII, 327—366.

—7. 1900. An unpublished Document about the Nicobars. *Ind. Antiquary,* XXIX, 341—347.

Temple, R. C.

1756—1. 1879. Notes on the Formation of the Country passed through by the 2nd Column Tal Chotiali Field Force during its march from Kala Abdullah Khán in the Khójak Pass to Lugárí Búrkhán. Spring of 1879. *Journ. A. S. B.,* XLVIII, Pt. 2, 103—109.

—2. 1879. An Account of the Country traversed by the Second Column of the Tal-Chotiali Field Force in the Spring of 1879. *Journ. R. Geogr. Soc.,* XLIX, 190—319.

———, *see* **Man, E. H., 1163.**

NATIONAL ARCHIVES OF INDIA

Temple, R. C.—*contd.*

————, *see* **Medlicott, H. B., 1197—52.**

————, *see* **Ritchie, J., 1488.**

Tenison-Woods, *Rev.* J. E.

1757—1. 1884. On the Stream Tin Deposits of Perak. *Journ. Str. As. Soc.*, XIII, 221—240.

—2. 1884. Journey to the Summit of Gunong Bubu (Perak). *Journ. Str. As. Soc.*, XIV, 275—285.

—3. 1884. Geology of the Malayan Peninsula. *Nature*, XXX, 76.

—4. 1884. The Mountain System of the Malayan Peninsula. *Nature*, XXX, 264.

—5. 1884. Physical geography of the Malayan Peninsula. *Nature*, XXXI, 152—154 (Abst., *Peterm. Mitth.*, XXXI, 72, Supan).

—6. 1885. Report on the Geology and Physical Geography of the State of Perak. *Proc. Linn. Soc. N. S. W.*, IX, 1175—1203.

—7. 1886. The Geology of Malaysia, Southern China, etc. *Nature*, XXXIII, 231—233.

—8. 1888. Geological notes on Malaysia and Asia. *Proc. Linn. Soc. N. S. W.*, Ser. 2, III, 557—650.

Tennant, J.

1758—1. 1848. Notice of Pseudomorphous Crystals from Volcanic Districts of India. *Rep. Brit. Assoc.*, XVIII, *Sections*, 61 (*Title only*).

—2. 1852. On the Koh-i-Noor Diamond. *Rep. Brit. Assoc.*, XXII, *Sections*, 39.

Tennent, *Sir* J. Emerson.

1759 . 1859. Ceylon: An Account of the Island, Physical, Historical and Topographical, with notices of its Natural History, Antiquities and Productions. 8 °, 2 Vols., London.

NATIONAL ARCHIVES OF INDIA

'Terrestris'.

1760 . 1820. On the Earthquake in India in June 1819. *As. Journ.*, X, 435—437.

Thackeray, E. T.

1761 . 1874. Report on the Artesian Boring at Umballa. *Prof. Papers Ind. Eng.*, Ser. 2, III, 117—123; *Sel. Rec. Govt. India*, CLXXVIII, 42—65.

Thakur Singh.

1762 . 1910. The Mining and Mineral Problems. *Rep. V, Ind. Indust. Conf.*, 316—321.

Theobald, W.

1763—1. 1854. Notes on the Geology of the Punjab Salt Range. *Journ. A. S. B.*, XXIII, 651—678.

—2. 1860. On the Tertiary and Alluvial deposits of the central portion of the Nerbudda Valley. *Mem. G. S. I.*, II, 279—298.

—3. 1862. [Notes on stone implements from Bundlekhund and the Andamans]. *Journ. A. S. B.*, XXXI, 323—327; *Edin. N. Phil. Journ.*, N.S., XVII, 158—161.

—4. 1862. Notes of a trip from Simla to the Spiti Valley and Chomoriri (Tshomoriri) Lake during the months of July, August and September 1861. *Journ. A. S. B.*, XXXI, 480—527.

—5. 1865. [Note on the discovery of stone implements in Burmah]. *Proc. A. S. B.*, 125—127.

—6. 1869. On the beds containing Silicified Wood in Eastern Prome, British Burma. *Rec. G. S. I.*, II, 79—86; *Burma*, 182—194.

—7. 1869. Notes on the Stone Implements of Burma. *Proc. A. S. B.*, 181—186.

—8. 1869. Note on some Agate Beads from North-Western India. *Proc. A. S. B.*, 253—255.

NATIONAL ARCHIVES OF INDIA

Theobald, W.—*contd.*

1763—9. **1870.** On the Alluvial Deposits of the Irawadi, more particularly a contrasted with those of the Ganges. *Rec. G. S. I.*, III, 17—27; *Burma*, 194—209 (Abst., *Geol. Mag.*, Dec. 1, VII, 379—381).

—10. **1870.** Note on Petroleum in Burmah. *Rec. G. S. I.*, III, 72—73; *Burma*, 209—210.

—11. **1870.** [Exhibition of a stone implement from Prome]. *Proc. A. S. B.*, 220—222.

—12. **1871.** The Axial Group in Western Prome. *Rec. G. S. I.*, IV, 33—44; *Burma*, 210—226.

—13. **1872.** A few additional remarks on the Axial Group of Western Prome. *Rec. G. S. I.*, V, 79—82; *Burma*, 226—230.

—14. **1872.** Note on the value of the evidence afforded by raised Oyster Banks on the coasts of India, in estimating the amount of elevation indicated thereby. *Rec. G. S. I.*, V, 111—112.

—15. **1872.** A brief notice of some recently discovered Petroleum localities in Pegu. *Rec. G. S. I.*, V, 120—122; *Burma*, 230—232.

—16. **1873.** On the Geology of Pegu. *Mem. G. S. I.*, X, 189—359; *Burma*, 1—172.

—17. **1873.** Notes on a Celt found by Mr. Hacket in the Ossiferous Deposits of the Narbada Valley (Pliocene of Falconer): On the associated Shells. *Rec. G. S. I.*, VI, 54—57.

—18. **1873.** On the Salt Springs of Pegu. *Rec. G. S. I.*, VI, 67—73; *Burma*, 232—238.

—19. **1873.** Stray Notes on the Metalliferous resources of British Burmah. *Rec. G. S. I.*, VI, 90—95; *Burma*, 406—413.

—20. **1874.** On the former extension of Glaciers within the Kangra District. *Rec. G. S. I.*, VII, 86—98.

NATIONAL ARCHIVES OF INDIA

Theobald, W.—*contd.*

1763—21. 1874. Remarks on certain considerations adduced by Falconer in support of the antiquity of the Human Race in India. *Rec. G. S. I.*, VII, 142—145.

—22. 1875. [Note on perforated stone implements from Kharakpúr]. *Proc. A. S. B.*, 102—103.

—23. 1877. Description of a new Emydine from the upper Tertiaries of the Northern Punjab. *Rec. G. S. I.*, X, 43—45.

—24. 1877. On the occurrence of erratics in the Potwar, and the deductions that must be drawn therefrom. *Rec. G. S. I.*, X, 140—143.

—25. 1877. Remarks, explanatory and critical, on some statements in Mr. Wynne's paper on the Tertiaries of the North-West Punjab in Records, Vol. X, Pt. 3. *Rec. G. S. I.*, X, 223—225.

—26. 1877. Remarks on Mr. Campbell's Paper on Himalayan Glaciation in the Journal of the Asiatic Society of Bengal, Pt. II, No. 1, 1877. *Proc. A. S. B.*, 137—140.

—27. 1878. The Geology of Guzerat. *Bombay*, 1—14.

—28. 1878. What is an Erratic ?. *Geol. Mag.*, Dec. 2, V, 333—334.

—29. 1879. On a marginal bone of an undescribed Tortoise, from the Upper Siwaliks, near Nila, in the Potwar, Punjab. *Rec. G. S. I.*, XII, 186—187 (Abst., *Neu. Jahrb. f. Min.*, 1880, II, *Ref.* 109, W. Waagen).

—30. 1880. The Kumaun Lakes. *Rec. G. S. I.*, XIII, 161—175.

—31. 1880. On the discovery of a Celt of Palæolithic type in the Punjab. *Rec. G. S. I.*, XIII, 176.

—32. 1880. On some Pleistocene deposits of the Northern Punjab, and the evidence they afford of an extreme climate during a portion of that period. *Rec. G. S. I.*, XIII, 221—243.

NATIONAL ARCHIVES OF INDIA

Theobald, W.—*contd.*

1763—33. 1880. Geology and Economic Mineralogy [of Lower Burma]. *Brit. Burma Gazetteer*, I, 32—67.

—34. 1881. The Siwalik Group of the Sub-Himalayan region. *Rec. G. S. I.*, XIV, 66—125.

—35. 1895. Note on Dr. Fritz Noetling's paper on the Tertiary system in Burma in the Records of the Geological Survey of India for 1895, Pt. 2. *Rec. G. S. I.*, XXVIII, 150—151.

———, *see* **Blanford, W. T., *and* H. F., 150.**

———, *see* **Mason, *Rev.* F., 1186.**

———, *see* **Wynne, A. B., 1975—19.**

Thevenot,———

1764 . 1665. Of the Way used in the Mogol's Dominions, to make Saltpetre. *Phil. Trans.*, I, 103—104 ; *Abridg.*, I, 38—39.

Thomae, W. F. A.

1765 . 1892. The Gold Fields of the Malay Peninsula. *Min. Journ.*, LXII, 143—144, 166—167.

Thomas, E. C. G.

1766 . 1856. On the Iron Ores and the manufacture of Iron and Steel of Coimbatore. *Rep. Govt. Cent. Mus. Madras, Appendix*, 1—17.

Thomas, E. G.

1767 . 1860. Report on the Management during Fusli 1268 of the five Laccadive Islands. *Mad. Journ. Lit. Sci.*, N. S., V, 248—264.

Thomas, R. H.

1768 . 1855. Miscellaneous information connected with the Province of Cutch. *Sel. Rec. Bo. Govt.*, N. S., XV.

NATIONAL ARCHIVES OF INDIA

Thomason, C. S.

1769 . 1863. Abstract of a Report on the Drainage and Irrigation of the Terraie. *Prof. Papers. Ind. Eng.*, Ser. I, I, 422—436.

Thompson, ————

1770 . 1862. [Analysis of Graphite from Sonah, Gurgaon]. *Chem. News*, V, 154.

Thompson, G. Hunter.

1771—1. 1864. A Geographical, Statistical, and General Report on the District of Hazareebaugh. 4°, 27 pp., Calcutta.

—2. 1866. Notes, Geographical, Statistical, and General on that portion of the Lohardugga or Chota-Nagpore District, known as Purgunnah Palamow. 4°, 22 pp., Calcutta.

Thompson, R. W.

1772 . 1898. Mica Mining in the District of Nellore, India. *Journ. Soc. Arts.*, XLVI, 671—673 (Abst., *Coll. Guard.*, LXXV, 1134).

Thomson, J. T.

1773 . 1851. Description of the Eastern Coast of Johore and Pahang, and adjacent Islands. *Journ. Ind. Archipelago*, V, 85—92.

Thomson, Murray.

1774—1. 1872. Kunkur and Mortar Analysis. *Prof. Papers Ind. Eng.*, Ser. 2, I, 491—496.

—2. 1878. Note on the Coal in the Sewalik Hills. *Prof. Papers Ind. Eng.*, Ser. 2, VII, 117—118.

Thomson, R. D.

1775—1. 1834. Chemcial Analysis of an Indian Specimen of Mesolite. *Edin. N. Phil. Journ.*, XVII, 186—188 (Abst., *Neu. Jahrb. f. Min.*, 1835, 86).

—2. 1835. Sketch of the Geology of the Bombay Islands. *Rec. Gen. Sci.*, I., 291—304, 330—341; *Mad. Journ. Lit. Sci.*, V, 159—178 (Abst., *Journ. A. S. B.*, IV, 530—531).

NATIONAL ARCHIVES OF INDIA

Thomson, T.(1)

1776—1. 1813. Analysis of a new Species of Copper Ore [from Mysore]. *Phil. Trans.*, CIV, 45—50.

—2. 1813. The Matrix of the Diamond [Banaganpilly Conglomerate]. *Ann. Philos.*, II, 236—237.

—3. 1814. Description and Analysis of a new Species of Lead-Ore from India. *Mem. Wern. Soc.*, II, 252—258.

Thomson, T.(2)

1777—1. 1849. Successful Journey to the Karakorum Pass, in Central Asia. *Journ. R. Geogr. Soc.*, XIX, 25—29 (Abst., *Monatsb. Verh. Ges. f. Erdk.*, N. S., VII, 162—167, Ritter).

—2. 1852. Sketch of the Climate and Vegetation of the Himalaya. *Proc. Phil. Soc., Glasgow*, III, 193—204 ; *Edin. N. Phil. Journ.*, LII, 309—320.

—3. 1852. Western Himalaya and Tibet ; a Narrative of a Journey through the Mountains of Northern India, during the years 1847—8. 8°, 501 pp., London (Review, *Nat. Hist. Review*, I, 199—200).

Thornhill, G.

1778 . 1861. Earthquake at Nandigama, Kistna District, 24th July 1861. *Mad. Journ. Lit. Sci.*, N. S., VI., 295.

Thornton, J.

1779 . 1848. [Report on Coal Beds in the Namsang Naga Hills]. *Journ. A. S. B.*, XVII, 489—491.

Thornton, T. H.

1780 . 1888. Baluchistan and the " New Indian Province." *As. Quart. Rev.*, V, 54—83.

Thorpe, G. F.

1781 . 1905. The Submarine Canons of the Ganges and Indus. *Geogr. Journ.*, XXVI, 568—571.

NATIONAL ARCHIVES OF INDIA

Thuillier, H. L.

1782 . 1856. [Announcement of the discovery in the Himalayan Range of a mountain, for which the name "Mount Everest" is proposed]. *Journ. A. S. B.*, XXV, 437—439.

Thurburn, F. A. V., *see* **Hay, W. C., 791.**

Thurley, R. M.

1783 . 1908. Note on the Salt-boiling Industry in Burma. *Fol.*, 28 pp., Rangoon.

Thurston, E.

1784—1. 1894. Guide to the Natural History and Mineral Galleries [Madras Government Museum]. 8°, 25 pp., Madras.

—2. 1895. Rámésvaram Island and Fauna of the Gulf of Manaar. *Bull. Mad. Govt. Mus.*, I, 79—138.

Tickell, S. R.

1785—1. 1853. Extracts from a Journal up the Koladyn River, Aracan, in 1851. *Journ. R. Geogr. Soc.*, XXIV, 86—114.

—2. 1859. Itinerary, with Memoranda, chiefly Topographical and Zoological, through the southerly portion of the district of Amherst, Province of Tenasserim. *Journ. A. S. B.*, XXVIII, 421—456.

Tieffenthaler, J., *see* **Bernoulli, J., 113.**

Tietze, E.

1786—1. 1884. Das Vorkommen der Türkise bei Nischapur in Persien. *Verh. k. k. Geol. Reichsanst.*, 93—99 (Abst., *Ann. des Mines*, Ser. 8, XIII, 563—577, Toqué; *Neu. Jahrb. f. Min.*, 1887, I, *Ref.* 65; *Zeits. f. Kryst.*, X, 428, H. Bücking).

—2. 1907. Karl Ludolf Griesbach (Obituary Notice). *Verh. k. k. Geol. Reichsanst.*, 203—205.

NATIONAL ARCHIVES OF INDIA

Tipper, G. H.

1787—1. **1906.** Preliminary note on the Trias of Lower Burma. *Rec. G. S. I.*, XXXIV, 134.

—2. **1906.** Note on the Tertiary deposits of Mayurbhanj. *Rec. G. S. I.*, XXXIV, 135.

—3. **1907.** Further note on the Trias of Lower Burma and on the occurrence of *Cardita Beaumonti* d'Arch. in Lower Burma. *Rec. G. S. I.*, XXXV, 119.

—4. **1907.** Some Triassic Ammonites from Baluchistan. *Rec. G. S. I.*, XXXVI, 133.

—5. **1909.** Notes on some Minerals from Baluchistan. *Rec. G. S. I.*, XXXVIII, 214—215.

—6. **1910.** Notes on Upper Jurassic Fossils collected by Captain R. E. Lloyd near Aden. *Rec. G. S. I.*, XXXVIII, 336—341.

—7. **1910.** Note on the Occurrence of Samarskite in South India. *Rec. G. S. I.*, XXXVIII, 342 (Abst., *Zeits. f. Kryst.*, L, 269, H. L. Bowman).

—8. **1910.** Calcareous Concretions in Jharia Coal. *Rec. G. S. I.*, XL, 335—336.

—9. **1911.** The Geology of the Andaman Islands, with references to the Nicobars. *Mem. G. S. I.*, XXXV, 195—216 (Abst., *Geogr. Journ.*, XXXVIII, 431).

—10. **1911.** Note on an Exudation on Coal from Mohpani, C. P. *Rec. G. S. I.*, XLI, 45.

—11 **1911.** Note on the Occurrence of Samarskite and other minerals in the Nellore District, Madras Presidency. *Rec. G. S. I.*, XLI, 210—213 (Abst. *Bull. Imp. Inst.*, X, 482—483 ; *Trans. N. E. Inst. Min. Eng.*, LXII, *App.* 21—22, A. P. A. S. ; *Journ. Chem. Soc.*, C, Pt. 2, 1105—1106, L. J. S.)

—12. **1914.** The Monazite Sands of Travancore. *Rec. G. S. I.*, XLIV, 186—196.

———— *see* **Holland, T. H., 864a.**

NATIONAL ARCHIVES OF INDIA

Tod, J.

1788—1. 1829. Annals and Antiquities of Rajast 'han, or the central and western Rajput States of India. 4°, 2 Vols., London (Review, *Journ. Asiat.*, Ser. 2, VIII, 46—66).

—2. 1839. Travels in Western India. 4° 518 pp., London.

Todd,——

1789 . 1844. Report of a Journey from Herat to Simla, *viâ* Candahar, Cabool and the Punjab, undertaken in the year 1838. *Journ. A. S. B.*, XIII, 339—360.

Tolloczko, St., *see* **Jakob, W., 927.**

Tomlinson, C.

1790 . 1861. The Economic History of Paraffine. *Journ. Soc. Arts.*, IX, 295—303.

Torrens, H.

1791—1. 1842. Correspondence respecting the [Asiatic] Society's Museum of Economic Geology. *Journ. A. S. B.*, XI, 326—340.

—2. 1850. Note on a specimen of Iron from the Dhunakar Hills, Birbhum. *Journ. A. S. B.*, XIX, 77—78.

Tovey, J. T.

1792 . 1872. On burning Bricks with Oopla. *Prof. Papers Ind. Eng.*, Ser. 2, I, 67—70.

Townsend, C.

1793 . 1896. The Iron Ores of India. *Imp. Inst. Journ.*, II, 184.

Townsend, R. A.

1794—1. 1886. Report on the Petroleum Exploration at Khatan. *Rec. G. S. I.*, XIX, 204—210.

—2. 1889. The Beluchistan Oil Fields. *Ind. Engineer*, VII, 206—207 (Abst., *Journ. I. S. Inst.*, XXXIV, 353).

Tozer, H. J.

1795 . 1905. The Manufactures of Greater Britain, III, India. *Journ. Soc. Arts.*, LIII, 752—783.

NATIONAL ARCHIVES OF INDIA

Tracey, H. A.

1796 . 1879. Ancient Glacier action in the Punjab: with special reference to Mr. Mattieu William's Theory *Journ. Sci.*, Ser. 3, I, 338—340.

Traill, G. W.

1797—1. 1819. [Mission to Tartary]. *Journ. Roy. Inst.*, VII, 63—68.

—2. 1827. Account of Hot Springs, and Volcanic Appearances in the Himalaya Mountains. *Edin. Journ. Sci.*, VII, 55—56.

—3. 1828. Statistical Sketch of Kumaon. *As. Res.*, XVI, 137—234.

—4. 1832. Statistical Report on the Bhotia Mehals of Kamaon. *As. Res.*, XVII, 1—50.

Trant, T. A.

1798—1. 1827. Journal of a Route across the Youmah Mountains. *As. Journ.*, XXIII, 209—211.

—2. 1842. Report on a Route from Pakung Yeh in Ava, to Aeng in Arracan. *Journ. A. S. B.*, XI, 1136—1157.

Treacher, *Sir* W. H.

1799 . 1907. British Malaya, with more especial reference to the Federated Malay States. *Journ. Soc. Arts*, LV, 493—505.

Trebeck, G., *see* Moorcroft, W., 1246.

Tregear, V.

1800 . 1839. Note on the River Goomtee, with a section of its bed. *Journ. A. S. B.*, VIII, 712—713.

Tremenheere, C. W.

1801—1. 1865. Description of the mode adopted in taking the Observations recorded below, to determine the Velocity of, and the amount of Solid Matter in, Water at different depths in the *Indus*, and in some of the Canals in Sind. *Prof. Papers Ind. Eng.*, Ser. 1, II, 18—30, 308—314.

NATIONAL ARCHIVES OF INDIA

Tremenheere, C. W.—*contd.*

1801—2. 1866. On the Physical Geography of the Lower Indus. *Journ. R. Geogr. Soc.*, XXXVII, 68—91 (Abst., *Rep. Brit. Assoc.*, XXXVI, *Sections*, 117 ; *Proc. R. Geogr. Soc.*, XI, 22—31).

—3. 1870. [Memorandum on Mr. Pye Smith's experiments on artificial stone in Bombay]. *Prof. Papers Ind. Eng.*, Ser. 1, VII, 271—273.

Tremenheere, G. B.

1802—1. 1840. Letter, forwarding a paper on the formation of the Museum of Economic Geology of India. *Journ. A. S. B.*, IX, 973—996.

—2. 1841. Report on the Tin of the Province of Mergui. *Journ. A. S. B.*, X, 845—851 ; XI, 24, 289—290 ; *Cal. Journ. Nat. Hist.*, III, 47—55 ; *Sel. Rec. Beng. Govt.*, VI, 5—11 ; *Indo-China*, Ser. 1, I, 251—256, 258—259 ; *Burma*, 350—356.

—3. 1841. Report on the Manganese of the Mergui Province. *Journ. A. S. B.*, X, 852—853 ; *Cal. Journ. Nat. Hist.*, III, 55—56 ; *Sel. Rec. Beng. Govt.*, VI, 12—13 ; *Indo-China*, Ser. 1, I, 257—258 ; *Burma*, 356—357.

—4. 1842. Second Report on the Tin of Mergui. *Journ. A. S. B.*, XI, 839—852 ; *Indo-China*, Ser. 1, I, 260—271.

—5. 1842. Report on the Tenasserim Coal Field. *Cal. Journ. Nat. Hist.*, II, 417—430.

—6. 1843. Report of a Visit to the Pakchun River, and of some Tin localities in the southern portion of the Tenasserim Provinces. *Journ. A. S. B.*, XII, 523—534 ; *Indo-China*, Ser. 1, I, 275—284.

—7. 1845. Report to the Officer in charge of the office of Superintending Engineer, South Eastern Provinces ; with information concerning the price of Tin ore of Mergui. *Journ. A. S. B.*, XIV, 329—332 ; *Indo-China*, Ser. 1, I, 298—301.

—8. 1886. Note ..... in reference to his Papers on the Tin of Mergui. *Indo-China*, Ser. 1, II, 297—299.

NATIONAL ARCHIVES OF INDIA

Tremenheere, G. B., *and* Lemon, *Sir* C.

1803 . 1846. Report on the Tin of the province of Mergui in Tenasserim, in the northern part of the Malayan Peninsula. *Trans. R. Geol. Soc. Cornwall*, VI, 68—75.

Tremenheere, H. S.

1804 . 1870. Note on Tin in Tenasserim. *Min. Journ.*, XL, 919.

Trevor, W. S.

1805 . 1856. Report on the district of Pegu. *Sel. Rec. Govt. India*, XV, 35—45.

Tronnier, R.

1806 . 1904. Zur Frage der mittleren Höhen der Kontinente, insbesondere der Asiens ; nebst einer Prüfung der Flache über 3000 m. in Asien. *Beitr. z. Geophys.*, VI, 594—643.

Trotter, H.

1807—1. 1875. Yarkund Mission—Narrative of Geographical Explorations. FORSYTH'S *Mission to Yarkund*, Chap. VII, 233—293.

—2. 1877. Account of the Pundit's Journey in Great Tibet from Leh in Ladakh to Lhása, and of his return to India *viâ* Assam. *Journ. R. Geogr. Soc.*, XLVII, 86—136 (Abst., *Proc. R. Geogr. Soc.*, XXI, 325—350 ; *Geogr. Mag.* III, 145—146 ; IV, 191—192).

—3. 1878. On the Geographical Results of the Mission to Kashghar, under Sir T. Douglas Forsyth in 1873—74. *Journ. R. Geogr. Soc.*, XLVIII, 173—234 (Abst., *Proc. R. Geogr. Soc.*, XXII, 287—291 ; *Geogr. Mag.*, V, 163—164).

Tschermak, G.

1808—1. 1867. Über verschiedene Mineralien aus dem westlichen Himalaja. *Neu. Jahrb. f. Min.*, 837.

—2. 1870. Der Meteorit von Lodran bei Mooltan in Indien, gefallen am 1. October, 1868. *Sitz. k. Akad. Wiss.*, LXI, Abth. 2, 465—475 ; *Pogg. Ann.*, CXL, 321—324 (Abst., *Anz. k. Akad. Wiss.*, VII, 81).

NATIONAL ARCHIVES OF INDIA

Tschermak, G.—*contd.*

1808—3. **1870.** Über den Meteorstein von Goalpara und über die leuchtende Spur der Meteore. *Sitz. k. Akad. Wiss.*, LXII, Abh. 2, 855—865 (Abst., *Neu. Jahrb. f. Min.*, 1871, 412—414 ; *Anz. k. Akad. Wiss.*, VII, 220).

—4. **1871.** Der Meteorit von Shergotty. *Mineral. Mitth.*, I, 56—57 ; *Jahrb. k. k. Geol. Reichsanst.*, XXI, Pt. 2, 56—57.

—5. **1872.** Die Meteoriten von Shergotty und Gopalpur. *Sitz. k. Akad. Wiss.*, LXV, Abth. 1, 122—146 (Abst., *Neu. Jahrb. f. Min.*, 1872, 733—734 ; *Anz. k. Akad. Wiss*, IX, 43—44).

—6. **1872.** Die Meteoriten von Stannern, Constantinopol, Shergotty und Gopalpur. *Mineral. Mitth.*, II, 83—100 ; *Jahrb. k. k. Geol. Reichsanst.*, XXII, Pt. 2, 83—100.

—7. **1873.** Kalisalz aus Ostindien. *Mineral. Mitth.*, III, 135—136 ; *Jahrb. k. k. Geol. Reichsanst.*, XXIII, Pt. 2, 135—136 ; *Rec. G. S. I.*, VII, 64 (Abst., *Neu. Jahrb. f. Min.*, 1873, 642).

—8. **1873.** Steinsalz und Glauberit aus dem Pendschab. *Mineral. Mitth.*, III, 288 ; *Jahrb. k. k. Geol. Reichsanst.*, XXIII, Pt. 2, 288.

Tschernik, G. P.

1809 . **1913.** Analyse chimique de quelques minéraux du gravier de Ceylan. *Bull. Acad. Imp. Sci. St. Petersb.*, Ser. 6, VII, 163—174, 365—376, 721—732 (Abst., *Journ. Chem. Soc.* CIV., Pt. 2, 421—422, 518, 970—971, T. H. P.).

Tschernyschew, Th.

1810 . **1902.** Die ober-palæozoischen Ablagerungen Eurasiens. *Mem. Com. Geol. Russia*, XVI, Pt. 2, 709—742 ; *Trans.* by P. Brühl, *Rec. G. S. I.*, XXXI, 111—141.

Tuke, G. P.

1811 . **1854.** Journal of the Steamer "Pottinger" during the Godavery expedition. *Sel. Rec. Mad. Govt.*, Ser. 1, I, 21—46.

NATIONAL ARCHIVES OF INDIA

Tulloch, Hector.

1812—1. 1872. The Water-Supply of Bombay. 8°, 244 pp., London.

—2. 1873. Description of the country about Bombay with references to the "Bombay Water-Supply." *Prof. Papers Ind. Eng.*, Ser. 2, II, 215—229.

Turner, E.

1813 . 1828. Analysis of the solid contents of two hot mineral Springs in India [Pinnarkoon and Loorgootha]. *Edin. Journ. Sci.*, IX, 95—99 (Abst., *Ann. des Mines*, Ser. 2, V, 288—289; *Ann. Chim. Phys.*, XXXVIII, 441—442).

Turner, G.

1814 . 1895. Coal-mining in Assam, India. *Trans. Inst. Min. Eng.*, X, 356—364 (Abst., *Journ. I. S. Inst.*, XLIX, 339—340).

Turner, H. G.

1815 . 1896. [On the Manganese Ore of Vizagapatam District]. *Journ. I. S. Inst.*, L, 155—160; *Imp. Inst. Journ.*, III, 188—189 (Abst., *Eng. Min. Journ.*, LXIII, 513—514).

Turner, S., *and* Saunders, R.

1816 . 1800. An account of an Embassy to the Court of the Teshoo Lama, in Tibet; containing a narrative of a Journey through Bootan, and part of Tibet. Also observations, botanical, mineralogical, and medical, by Robert Saunders. 4°, 473 pp., London.

Turner, T.

1817 . 1893. The production of Wrought Iron in small Blast-Furnaces in India. *Journ. I. S. Inst.*, XLIV, 162—181.

——— *see* **Harris, H., 770.**

Turner, T. J.

1818 . 1836. A Description of the Soils in Bundlekhund best adapted for Cotton. *Trans. Agri. Hort. Soc. Ind.*, III, 133—134.

NATIONAL ARCHIVES OF INDIA

Turner, W. B.

1819—1. 1841. Answers to queries regarding the manufacture of Cast Steel [in Southern India]. *Coal. Com. Rep.*, 1841, Appendix No. 2, ii—iii.

—2. 1841. On the Method of making Charcoal. *Coal. Com. Rep.*, 1841, Appendix No. 14, xx—xxii.

—3. 1842. [Note on fire clay at Moulmein]. *Cal. Journ. Nat. Hist.*, II, 596—597.

Tween, A.

1820—1. 1863. Memorandum [on the composition of water from the hot springs of Pai, Tavoy District]. *Journ. A. S. B.*, XXXII, 386.

—2. 1864. Analysis of Reh salts. *Sel. Rec. Govt. India*, XLII, 89.

—3. 1865. Report on the Peat of Pertabgarh. *Proc. A. S. B.*, 87.

—4. 1877. Analyses of Raniganj Coals. *Rec. G. S. I.*, X, 155—158.

Twemlow, E. V.

1821 . 1873. Experiments on Selenitic Mortar. *Prof. Papers Ind. Eng.*, Ser. 2, II, 108—110.

Twemlow, G.

1822—1. 1843. On artificial fuel. *Journ. A. S. B.*, XII, 228—231.

—2. 1867. On Flint Cores from the Indus. *Geol. Mag.*, Dec. 1, IV, 43—44.

Tylor, A.

1823 . 1872. On the Formation of Deltas: and on the Evidence and Cause of Great Changes in the Sea-Level during the Glacial Period. *Geol. Mag.*, Dec. 1, IX, 392—399, 485—501.

NATIONAL ARCHIVES OF INDIA

Tytler, W. B.

1824—1. 1828. Note on a Meteoric Stone at Futtehpore [November 1822]. *Edin. Journ. Sci.*, VIII, 171—173.

—2. 1838. [Note on the Soan and Koela coal field]. *Journ. A. S. B.*, VII, 964—965.

U

Uhlig, V.

1825—1. 1903-10. The Fauna of the Spiti Shales. *Pal. Indica*, Ser. XV, IV, Pt. 1, 1—395 (Review, *Ann. Mag. Nat. Hist.*, Ser. 7, XVI, 365—368).

—2. 1910. Die Fauna der Spitischiefer des Himalaya, ihr geologisches Alter und ihre Weltstellung. *Denkschr. k. Akad. Wiss.*, XXXV, 531—609 (Abst., *Amer. Journ Sci.*, Ser. 4, XXXI, 460 ; *Neu. Jahrb. f. Min.*, 1913, I, *Ref.* 500—502, C. Diener ; *Geol. Centralbl.*, XVII, 660—662, S. Richarz ; *Anz. k. Akad. Wiss.*, XLVII, 288—295).

——— *see* **Suess, E., 1725.**

Underwood, J.

1826 . 1837. Heights of the Neilgherry Hills. *Mad. Journ. Lit. Sci.* VI, 303—304.

Ure, A.

1827—1. 1839. A Dictionary of Arts, Manufactures, and Mines: containing a clear exposition of their Principles and Practice. 8°, 1334 pp., London ; 5th Edn., edited by Robert Hunt, 8,° 3 Vols., London, 1860.

— 2. 1843. Analysis of Iron Ores from Tavoy and Mergui, and of Limestone from Mergui. *Journ. A. S. B.*, XII, 236—239 ; *Indo-China*, Ser. 1, I, 272—275.

NATIONAL ARCHIVES OF INDIA

V

Vagelar, P.

1828 . 1912. Lateritbildung und Tropen-Klima. *Zeits. Ges. f. Erdk.*, XLVII, 381—384 (Abst., *Scot. Geogr. Mag.*, XXVIII, 481—482).

Valentia, George *Viscount*.

1829—1. 1809. Voyages and Travels to India, Ceylon, the Red Sea, Abyssinia, and Egypt, in the years 1802—1806. 4°, 3 Vols, London.

—2. 1809. Account of the Stones that fell from the Sky on the 20th December 1799 [near Benares]. *Voyages and Travels to India, etc.*, Vol. I, 468—471.

Van den Broeck, E.

1830—1. 1895. Les Mistpoeffers, ou détonations mystérieuses de la Mer du Nord et les régions terrestres et maritimes circonvoisines, et les Barisal Guns du Delta du Ganges. *Bull. Soc. belge Géol.*, IX, 182.

—2. 1895. Historique de l'Étude des " Barisal guns " du delta du Gange, au Bengale. *Ciel et Terre*, XVI, No. 19, 466—474.

Van Linschoten, J. H.

1831 . 1590. Histoire de la Navigation de Jean Hugues de Linscot, Hollandois, et de son voyage es Indes Orientales. Fol., 275 pp., Amstrelredam.

Vanrenen, A. D.

1832 . 1869. Description of country surveyed in Disrict Buraich, Season 1867—68. *Sel. Rec. Govt. India*, LXXIV, 73—79.

Varley, F. J.

1833 . 1912. On the Water Supply of Hill Forts in Western India. *Geogr. Journ.*, XL, 178—183.

NATIONAL ARCHIVES OF INDIA

Vauquelin, N. L.

1834—1. 1797. Analyse comparée des Hyacinthes de Ceylan et d'Expailly, et exposé de quelques-unes des propriétés de la terre qu'elles contiennent. *Journ. des Mines*, V, 97—118 (Abst., *Ann. Chim.*, XXII, 179—210).

—2. 1799. Analyse de la Tourmaline de Ceylan ou Tourmaline verte, dite Émeraude du Brésil. *Journ. des Mines*, IX, 477—479.

Vélain, C.

1835 1879. Mission de l'île Saint-Paul. Recherches géologiques faites à Aden, à la Réunion, aux îles Saint-Paul et Amsterdam, aux Seychelles. 4°, Paris.

Venator, W.

1836—1. 1906. Zur Deckung des Bedarfs an Manganerzen. *Stahl u. Eisen*, XXVI, 142—143 145, 213—214; *Trans., in Min. Journ.*, LXXIX, 178—179, 243, 277 (Abst., *Trans. Min. Geol. Inst. Ind.*, I, 136, L. L. Fermor).

—2. 1908. Zur Deckung des Bedarfs an Manganerzen. *Stahl u. Eisen*, XXVIII, 876—883.

Venkasami Row, T.

1837 . 1883. A Manual of the District of Tanjore, in the Madras Presidency. 8,° 832+xlvipp., Madras (Chap. II, Geology and Mineralogy.)

Venkataramaiya, B. N.

1838—1. 1908. Notes on Chrome Iron Ore Prospecting Blocks, Hassan District, Mysore. *Rec. Mysore Geol. Dep.*, IX, 109—112.

—2. 1909. Note on Asbestos, Lime Kankar, and Corundum in Mysore. *Rec. Mysore Geol. Dep.*, X, 88—93.

—3. 1912. Notes on Inspection of Prospecting Blocks in Mysore. *Rec. Mysore Geol. Dep.*, XII, Pt. 2, 155—166.

—4. 1913. Note on the Clay Deposit at Tinnalu, Bangalore Taluk, Bangalore District. *Rec. Mysore Geol. Dep.*, XIII, 151—155.

NATIONAL ARCHIVES OF INDIA

Verchère, A. M.

1839—1. **1865.** Notes to accompany a Geological map and section of the Lowa Ghur or Sheen Ghur range in the district of Bunnoo, Punjab ; with analyses of the Lignites. *Journ. A. S. B.*, XXXIV, Pt. 2, 42—47.

—2. **1866.** Geology of Kashmir, the Western Himalaya and the Afghan Mountains ..... ; with a note on the fossils by M. Edouard de Verneuil, Membre de l' Académie des Sciences, Paris. *Journ. A. S. B.*, XXXV, Pt. 2, 89—133, 159—203 ; XXXVI, Pt. 2, 9—50, 83—115, 201—229.

——— *see* **de Verneuil, E., 479**—2.

Vercoe, C.

1840 . **1880.** On Tin Deposits in the Malay Peninsula. *Min. Journ.*, L, 904.

Verelst, H.

1841 . **1763.** An Account of the Earthquakes that have been felt in the Province of Islamabad [Chittagong], with the Damages attending them, from the 2nd to the 19th of April, 1762. Translated from the Persian. *Phil. Trans.*, LIII, 265—269; *Abridg.* XII, 13—14.

Verneuil, E. de, *see* **de Verneuil, 479.**

Vernon-Harcourt, L. F.

1842 . **1905.** The River Hooghly. *Proc. Inst. C. Eng.*, CLX, 100—210.

Vertue, J.

1843 . **1859.** General Description of the country between Parvatipore and Jeypore. *Mad. Journ. Lit. Sci.*, N. S., V., 264—294.

Vetch, H.

1844—1. **1847.** On Further Discoveries of Coal on the Northern Side of Assam. *Cal. Journ. Nat. Hist.*, VII, 368—369.

—2. **1855.** [Account of a visit to the Abor tribes]. *Sel. Rec. Beng. Govt.*, XXIII, 141—148.

NATIONAL ARCHIVES OF INDIA

Vicary, N.

1845—1. 1835. [Letter forwarding specimens of Fossil Bones from the Betwa]. *Journ. A. S. B.*, IV, 183.

—2. 1835. List of Fossil Specimens from Bilwan, and from the Betwa, collected in December, 1834. *Journ. A. S. B.*, IV, 571—574.

—3. 1846. Geological Report on a portion of the Beloochistan Hills. *Quart. Journ. Geol. Soc.*, II, Pt. 1, 260—267 ; *Cal. Journ. Nat. Hist.*, VII, 385—392 ; *Western India*, 521—527 (Abst., *Bibl. Univ.*, Ser. 4, I, 86).

—4. 1847. [Note announcing the discovery of Fossil Bones in the "Secondary Formation" of the Himalayas, near Sabathoo]. *Journ. A. S. B.*, XVI, 1266—1267 ; *Quart. Journ. Geol. Soc.*, III, Pt. 1, 349.

—5. 1847. Notes on the Geological Structure of parts of Sinde. *Quart. Journ. Geol. Soc.*, III, Pt. 1, 334—349 ; *Western India*, 501—517.

—6. 1851. On the Geology of the Upper Punjaub and Peshaur. *Quart. Journ. Geol. Soc.*, VII, Pt. 1, 38—46.

—7. 1853. On the Geology of a Portion of the Himalaya Mountains near Subathoo. *Quart. Journ. Geol. Soc.*, IX, Pt. 1, 70—73 (Abst., *Rep. Brit. Assoc.*, XXII, *Sections*, 62 ; *Min. Journ.*, XXIII, 201 ; *Neu. Jahrb. f. Min.*, 1854, 475 ; *l'Institut*, XX, 408).

——— *see* **Murchison, *Sir* R. I., 1270.**

Vigne, G. T.

1846—1. 1837. Some account of the valley of Kashmir, Ghazni, and Kabul. *Journ. A. S. B.*, VI, 766—777.

—2. 1839. Outline of a Route through the Panj-áb, Kábul, Kashmir, and into Little Tibet, in the years 1834—8. *Journ. R. Geogr. Soc.*, IX, 512—516.

—3. 1840. A Personal Narrative of a visit to Ghuzni, Kabul, and Afghanistan, and of a residence at the Court of Dost Mohamed. 8°, 479 pp., London.

NATIONAL ARCHIVES OF INDIA

Vigne, G. T.—*contd.*

1846—4. 1842. Travels in Kashmir, Ladak, Iskardo, the countries adjoining the Mountain-Course of the Indus, and the Himalaya, north of the Panjab. 8°, 2 Vols., London (Review, *Journ. R. Geogr. Soc.*, XII, 132—136).

Virlet, Th.

1847 . 1834. Details sur une chute d'aérolithes dans l'Inde [à Kandanhor]. *Bull. Soc. Géol. France*, Ser. 1, IV, 411.

Vivian, S.

1848 . 1904. Remarks on the Geology of the Kolar Gold Field. *Trans. Inst. Min. Met.*, XIII, 171.

Voekov, A.

1849 . 1880. On Cotton Soil in India. 8°, St. Petersburg.

Vogel, O.

1850 . 1909. Die Kutubsäule bei Delhi. *Stahl u. Eisen*, XXIX, 802—803.

Vossion, L.

1851 . 1903. De la production du Charbon dans l'Inde en 1902 et de l'importance économique croissante de cette production pour l'avenir de l'industrie dans cette Colonie. 8°, Paris (Abst., *Ann. des Mines*, Ser. 10, V, 621—622).

Voyle, E.

1852 . 1821. [Description of the great waterfalls, or cataracts, near Simareeh, in the province of Rewah]. *As. Journ.*, XI, 47.

Voysey, H. W.

1853—1. 1824. On some Fossil Shells found in the Gawilghur Range of Hills, in April 1823. *Mem. Wern. Soc.*, V, 289—297; *As. Res.*, XVIII, Pt. 1, 187—194; *Mad. Journ. Lit. Sci.*, I, 330—342; *Western India*, 84—88 (Abst., *Glean. Sci.*, I, 356—359).

— 2. 1824. On the Geological Structure of the Hill of Seetabuldee, Nagpore, and its immediate Vicinity. *Mem. Wern. Soc.*, V, 298—302; *As. Res.*, XVIII, Pt. 1, 123—127 (Abst., *Glean. Sci.*, II, 27—28).

NATIONAL ARCHIVES OF INDIA

Voysey, H. W.—*contd.*

1853—3. 1825. On the Diamond Mines of Southern India. *As. Res.*, XV, 120—128; *Phil. Mag.*, LXVIII, 370—376; *Froriep's Notizen*, XVI, 129—136 (Abst., *Edin. Journ. Sci.*, VI, 97—104).

—4. 1825. On the Building Stones and Mosaic of Akberabad or Agra. *As. Res.*, XV, 429—435.

—5. 1832. Description of the Native Manufacture of Steel in Southern India. *Journ. A. S. B.*, I, 245—247.

—6. 1833. Report on the Geology of Hyderabad. *Journ. A. S. B.*, II, 298—305, 392—405.

—7. 1844. Extracts from the late Dr. Voysey's Journals, when attached to the Trigonometrical Survey in Southern and Central India. *Journ. A. S. B.*, XIII, 853—862; XIX, 189—212, 269—302; *Western India*, 48—65.

——— *see* **Malcolmson, J. G., 1158—3.**

Vredenburg, E. W.

1854—1. 1901. A Geological Sketch of the Baluchistan Desert, and part of Eastern Persia. *Mem. G. S. I.*, XXXI, 179—302 (Abst., *Geogr. Journ.*, XIX, 632; *Nature*, LXV, 111; *Neu. Jahrb. f. Min.*, 1902, II, *Ref.* 110—112, J. Noetling; *Peterm. Mitth.*, XLVIII, *Litt.*, 165—166, C. Diener; *Geol. Centralbl.*, II, 15—16, A. v. Krafft).

—2. 1901. Recent Artesian Experiments in India. *Mem. G. S. I.*, XXXII, 1—88 (Abst., *Geogr. Journ.*, XIX, 212—213; *Neu. Jahrb. f. Min.*, 1902, II, *Ref.* 417—418, F. Noetling).

—3. 1903. [Remarks on Sodalite from Kishengarh]. *Proc. A. S. B.*, 132.

—4. 1904. Elæolite and Sodalite Syenites in Kishengarh State. *Rec. G. S. I.*, XXXI, 43—44 (Abst., *Zeits. f. Kryst.*, XLII, 390, H. L. Bowman).

—5 1904. Gem sands from Ceylon. *Rec. G. S. I.*, XXXI, 44—45.

NATIONAL ARCHIVES OF INDIA

Vredenburg, E. W.—*contd.*

1854—6. **1904.** Gem sands from Burma. *Rec. G. S. I.*, XXXI, 45.

—7. **1904.** Prehnite in Lus Bela. *Rec. G. S. I.*, XXXI, 45.

—8. **1904.** An instance of titaniferous iron-ore formerly smelted in native furnaces. *Rec. G. S. I.*, XXXI, 108—109.

—9. **1904.** Discovery of Thenardite at Didwana, Rajputana. *Rec. G. S. I.*, XXXI, 109.

—10. **1904.** Discovery of Cancrinite in Kishengarh. *Rec. G. S.I.*, XXXI, 109—110.

—11. **1904.** On the Occurrence of a species of *Halorites* in the Trias of Baluchistan. *Rec. G. S. I.*, XXXI, 162—166.

—12. **1904.** Pyrrhotite from the Kirana Hills, Punjab. *Rec. G. S. I.*, XXXI, 174.

—13. **1904.** Vivianite in the Alluvium of Bengal. *Rec. G. S. I.*, XXXI, 174.

—14. **1904.** Recent or sub-recent marine bed in Calcutta. *Rec. G. S. I.*, XXXI, 174—176.

—15. **1904.** On a curious occurrence of Scapolite from the Madras Presidency. *Rec. G. S. I.*, XXXI, 233—234 (Abst., *Zeits. f. Kryst.*, XLII, 390, H. L. Bowman).

—16. **1906.** Pleistocene Movement as indicated by irregularities of Gradient of the Narbada and other Rivers in the Indian Peninsula. *Rec. G. S. I.*, XXXIII, 33—45 (Abst., *Geogr. Journ.*, XXVIII, 397—398 ; *Peterm. Mitth.*, LII, *Litt.*, 197, Oestreich).

—17. **1906.** Suggestions for a Classification of the Vindhyan System. *Rec. G. S. I.*, XXXIII, 254—260 (Abst., *Geol. Mag.*, Dec. 5, V, 125—126, W. H. H.).

—18. **1906.** Geology of the State of Panna, principally with reference to the Diamond-bearing Deposits. *Rec. G. S. I.*, XXXIII, 261—314 (Abst., *Peterm. Mitth.*, LIII, *Litt.* 202, E. Wagner).

NATIONAL ARCHIVES OF INDIA

Vredenburg, E. W.—*contd.*

1854—19. 1906. *Nummulites Douvillei*, an undescribed Species from Kachh with remarks on the Zonal Distribution of Indian Nummulites. *Rec. G. S. I.*, XXXIV, 79—95 (Abst., *Revue Pal.*, XI, 56—57; *Neu. Jahrb. f. Min.*, 1908, II, *Ref.* 291—292, R. J. Schubert).

—20. 1906. The Classification of the Tertiary System in Sind with reference to the Zonal Distribution of the Eocene Echinoidea described by Duncan and Sladen. *Rec. G. S. I.*, XXXIV, 172—198 (Abst., *Revue Pal.*, XII, 53—54).

—21. 1906. *Breynia multituberculata*, an undescribed Species from the Nari of Baluchistan and Sind. *Rec. G. S. I.*, XXXIV, 266—285 (Abst., *Revue Pal.*, XI, 199).

—22. 1907. Note on the Distribution of the genera *Orthophragmina* and *Lepidocyclina* in the Nummulitic Series of the Indian Empire. *Rec. G. S. I.*, XXXV, 62—67 (Abst., *Revue Pal.*, XII, 126—127; *Neu. Jahrb. f. Min.*, 1909, I, *Ref.* 141—142, R. J. Schubert).

—23. 1907. Note on the Occurrence of *Physa Prinsepii* in the Maestrichtian Strata of Baluchistan. *Rec. G. S. I.*, XXXV, 114—118.

—24 1907. The Ammonites of the Bagh Beds. *Rec. G. S. I.*, XXXVI, 109—125.

—25. 1907. A Summary of the Geology of India. 8°, 67 pp., Calcutta (Review, *Geol. Mag.*, Dec. 5, V, 181—183, W. H. H.; *Revue Pal.*, XII, 127; *Peterm. Mitth.*, LV, *Litt.* 47).

—26. 1908. The Cretaceous Orbitoides of India. *Rec. G. S. I.*, XXXVI, 171—213 (Abst., *Neu. Jahrb. f. Min.*, 1909, I, *Ref.* 142—143, R. J. Schubert).

—27. 1908. *Nummulites Vredenburgi* Prever, nom. mut. *Rec. G. S. I.*, XXXVI, 239.

—28. 1908. Additional note concerning a previous notice on "The Ammonites of the Bagh Beds". *Rec. G. S. I.*, XXXVI, 239—240.

NATIONAL ARCHIVES OF INDIA

Vredenburg, E. W.—*contd.*

1854—29. 1908. Pseudo-Fucoids from the Pab sandstones at Fort Munro, and from the Vindhyan series. *Rec. G. S. I.*, XXXVI, 241—253.

—30. 1908. Occurrence of the genus *Orbitolina* in India and Persia. *Rec. G. S. I.*, XXXVI, 314.

—31. 1908. Preliminary note on the geological age of the coal at Palana in Bikanir, Rajputana. *Rec. G. S. I.*, XXXVI, 314—315.

—32. 1908. Preliminary note on the Indian occurrence of *Ostrea multicostata* Deshayes, and other ribbed species of *Ostrea*. *Rec. G. S. I.*, XXXVI, 315—321.

—33. 1908. Considerations regarding the age of the Cuddalore series. *Rec. G. S. I.*, XXXVI, 321—323.

—34. 1908. The Geological History of the Alluvial Plain of Bengal. *Hemchandra Memorial Series, Calcutta*, Pt. 1, 24—59.

—35. 1909. Introductory Note on the Stratigraphy of the Ranikot Series. *Pal. Indica*, N. S., III, Pt. 1, v—xix.

—36. 1909. Report on the Geology of Sarawan, Jhalawan, Mekran and the State of Las Bela, considered principally from the point of view of Economic Development. *Rec. G. S. I.*, XXXVIII, 189—213 (Abst., *Peterm. Mitth.* LVI, Pt. 2, 37, E. Wagner).

—37. 1909. Note on a Hippurite-bearing Limestone in Seistan and on the Geology of the adjoining region. *Rec. G. S. I.*, XXXVIII, 216—229 (Abst., *Revue Pal.*, XIV, 214).

—38. 1910. Petrological Notes on the Rocks collected by Captain R. E. Lloyd, near Aden. *Rec. G. S. I.*, XXXVIII, 321—335.

—39. 1910. Cretaceous Marine Beds in the neighbourhood of Tanjore. *Rec. G. S. I.*, XL, 336—339.

—40. 1910. *Chondrodonta Bösei* ; a new species of fossil Lamellibranchs from the Hippurite-bearing beds of Seistan. *Journ. A. S. B.*, N. S., VI, 255—258.

NATIONAL ARCHIVES OF INDIA

Vredenburg, E. W.—*contd.*

1854—41. 1911. Rectification of nomenclature : *Noetlingaster*, nom. mut. *Rec. G. S. I.*, XL, 46.

—42. 1911. On the identity of *Ostrea promensis* Noetling from the Pegu System of Burma and *Ostrea digitalina* Eichwald from the Miocene of Europe. *Rec. G. S. I.*, XLI, 36—41.

—43. 1912. Remarks on the evolution of the Recent Marine Molluscan Fauna in the newer Tertiary Rocks of India. *Proc. Malac. Soc. Lond.*, X, 259—261.

——— *see* **Diener, C., 486—28.**

——— *see* **Oldham, R. D., 1325.**

Vredenburg, E. W., *and* Stuart, Murray.

1855 . 1909. On the Occurrence of *Ostrea latimarginata*, a characteristic Gaj species, in the " Yenangyaung Stage " of Burma. *Rec. G. S. I.*, XXXVIII, 127—132.

Vyas, *Rao Bahadur* M. H.

1856 . 1907. The Stone Industry in Cambay. *Report, III Ind. Indust. Conf.*, 289—299.

Vyse, Griffin W.

1857 . 1878. Geological Notes on the River Indus. *Journ. R. As. Soc.*, N. S., X, 317—324.

W

Waagen, L.

1858 . 1900. Werfener Schichten in der Salt Range. *Centralbl.*, I, 285—288 (Abst., *Geol. Centralbl.*, I, 281, H. Lotz).

Waagen, W.

1859—1. 1871. Abstract of results of examination of the Ammonite-fauna of Kutch, with remarks on their distribution among the beds, and probable Age. *Rec. G. S. I.*, IV, 89—101 (Abst., *Neu. Jahrb. f. Min.*, 1872, 984 ; *Verh. k. k. Geol. Reichsanst.*, 1872, 277—279, M. Neumayr).

NATIONAL ARCHIVES OF INDIA

Waagen, W.—*contd.*

1859—2. **1872.** On the occurrence of Ammonites, associated with Ceratites and Goniatites in the Carboniferous deposits of the Salt Range. *Mem. G. S. I.*, IX, 351—358 (Abst., *Geol. Mag.*, Dec. 1, X, 30—31 ; *Bibl. Univ.*, N. S., XLVI, 74—75).

—3. **1872.** Rough Section showing the relations of the rocks near Murree (Mari), Punjab. *Rec. G. S. I.*, V, 15—18 (Abst., *Neu. Jahrb. f. Min.*, 1872, 888).

—4. **1873-75.** The Jurassic Fauna of Kutch.—Cephalopoda. *Pal. Indica*, Ser. IX, 1, Pts. 1—4, i + 1—247.

—5. **1876.** Ueber die geographische Verbreitung der Juraschichten in Indien. *Zeits. deutsch. Geol. Ges.*, XXVIII, 644—647 ; *Trans.* in *Rec. G. S. I.*, X, 98—100.

—6. **1877.** Ueber die geographische Vertheilung der Fossilen organismen in Indien. *Denkschr. k. k. Akad. Wiss.* XXXIX, Abth. 2, 1—27 ; *Trans.* by R. Bruce Foote in *Rec. G. S. I.*, XI, 267—301 (Abst., *Geol. Mag.*, Dec. 2, VI, 274—277 ; *Journ. Sci.*, Ser. 3, I. 710—711 ; *Neu. Jahrb. f. Min.*, 1878, 771—772 ; *Verh. k. k. Geol. Reichsanst.*, 1879, 116—117, E. Tietze).

—7. **1879.** Salt-Range Fossils. Productus-Limestone Group.—Pisces, Cephalopoda. *Pal. Indica*, Ser. XIII, I, Pt. 1, 1—73 (Abst., *Neu. Jahrb. f. Min.*, 1880, I, *Ref.* 243—249, Benecke ; *Verh. k. k. Geol. Reichsanst.*, 1879, 313, M. Neumayr).

—8. **1879.** Note on the " Attock Slates " and their probable geological position. *Rec. G. S. I.*, XII, 183—185.

—9. **1879.** Über einige strittige Punkte in der Geologie Indiens. *Neu. Jahrb. f. Min.*, 559—562.

—10. **1880.** Salt-Range Fossils. Productus-Limestone Group.—Gasteropoda and Supplement to Pt. 1. *Pal. Indica*, Ser. XIII, I, Pt. 2, 73—183 (Abst., *Neu. Jahrb. f. Min.*, 1881, II, *Ref.* 101—106, Benecke).

NATIONAL ARCHIVES OF INDIA

Waagen, W.—*contd.*

1859—11. 1881. Salt-Range Fossils. Productus-Limestone Group.—Pelecypoda. *Pal. Indica*, Ser. XIII, I, Pt. 3, 185—328 (Abst., *Neu. Jahrb. f. Min.*, 1882, II, *Ref.* 107—111, Benecke).

—12. 1882-1885. Salt-Range Fossils. Productus-Limestone Group.—Brachiopoda. *Pal. Indica*, Ser. XIII, I, Pt. 4, 329—770 (Abst., *Geol. Mag.*, Dec. 3, III, 463 ; *Neu. Jahrb. f. Min.*, 1884, I, *Ref.* 286—290 ; 1885, I, *Ref.* 111—120, II, *Ref.* 196—200 ; 1886, I, *Ref.* 117—121, II, *Ref.* 304—313, Benecke).

—13. 1882. Ueber " Anomia Lawrenciana " de Kon. *Neu. Jahrb. f. Min.*, I, 115—122.

—14. 1883. On the Genus *Richthofenia*, Kays. (*Anomia Lawrenciana*, de Koninck). *Rec. G. S. I.*, XVI, 12—19 (Abst. *Zeits. deutsch. Geol. Ges.*, XXIV, 674).

—15. 1884. Section along the Indus from the Peshawar valley to the Salt-Range. *Rec. G. S. I.*, XVII, 118—123.

—16. 1884. Ueber den Salt-range. *Zeits. deutsch. Geol. Ges.*, XXXVI, 881.

—17. 1885. Salt-Range Fossils. Productus-Limestone Group.—Bryozoa, Annelida, Echinodermata. *Pal. Indica*, Ser. XIII, I, Pt. 5, 771—834.

—18. 1886. Salt-Range Fossils. Productus-Limestone Group.—Cœlenterata. *Pal. Indica*, Ser. XIII, I, Pt. 6, 835—924 (Abst., *Geol. Mag.*, Dec. 3, V, 426—427 ; *Neu. Jahrb. f. Min.*, 1888, II, *Ref.* 166—171, Benecke).

—19. 1886. Note on some Palæozoic Fossils recently collected by Dr. H. Warth in the Olive group of the Salt Range. *Rec. G. S. I.*, XIX, 22—38.

—20. 1887. Salt-Range Fossils. Productus-Limestone Group.—Cœlenterata, Protozoa. *Pal. Indica*, Ser. XIII, I, Pt. 7, 925—998 (Abst., *Neu. Jahrb. f. Min.*, 1889, II, *Ref.* 204—212, Benecke).

NATIONAL ARCHIVES OF INDIA

Waagen, W.—*contd.*

1859—21. **1887.** Die carbone Eiszeit. *Jahrb. k. k. Geol. Reichsanst.*, XXXVII, Pt. 2, 143—192 : *Trans.* by R. B. Foote, *Rec. G. S. I.*, XXI, 89—130 (Abst., *Neu. Jahrb. f. Min.*, 1888, I, *Ref.* 285—293, Weiss ; *Sitz. naturw. Ges. Isis*, 1888, 7, H. B. Geinitz).

—22. **1888.** Mittheilung eines Briefes von Herrn O. A. Derby über Spuren einer carbonen Eiszeit in Südamerika. *Neu. Jahrb. f. Min.*, II, 172—176 ; *Trans.* by E. C. Cotes, *Rec. G. S. I.*, XXII, 69—71.

—23. **1889.** Salt-Range Fossils.—Geological results. *Pal. Indica*, Ser. XIII, IV, Pt. 1, 1—88 (Abst., *Ann. Géol. Univ.*, VI, 575—580, E. de Margerie ; *Verh. k. k. Geol. Reichsanst.*, 1889, 74—80, G. Stache).

—24. **1889.** Ueber *Labechia* und einige Bellerophonten-Gattungen *Neu. Jahrb. f. Min.*, I, 259—260.

—25. **1890.** Note on the Bivalves of the Olive-group, Salt-range. *Rec. G. S. I.*, XXIII, 38—41.

—26. **1891.** Salt-Range Fossils.—Geological Results. *Pal. Indica*, Ser. XIII, IV, Pt. 2, 89—242 (Abst., *Neu. Jahrb. f. Min.*, 1893, II, *Ref.* 111—124, Benecke).

—27. **1892.** Preliminary notice on the Triassic Deposits of the Salt Range. *Rec. G. S. I.*, XXV, 182—186 ; *Jahrb. k. k. Geol. Reichsanst.*, XLII, 377—386 (Abst., *Ann. Géol. Univ.*, IX, 573—576, G. Ramond ; *Neu. Jahrb. f. Min.*, 1894, I, *Ref.* 136—138, Benecke).

—28. **1895.** Salt-Range Fossils.—Fossils from the Ceratite Formation.—Pisces, Ammonoidea. *Pal. Indica*, Ser. XIII, II, Pt. 1, 1—323 (Abst., *Neu. Jahrb. f. Min.*, 1897, II, *Ref.* 195—204, Benecke).

——— *see* **Hughes, T. W. H., 890.**

——— *see* **Mojsisovics, E. v, 1237.**

——— *see* **Wynne, A. B., 1975**—27,—39.

NATIONAL ARCHIVES OF INDIA

Waagen, W., *and* Wynne, A. B.

1860 . 1872. The Geology of Mount Sirban, in the Upper Punjab. *Mem. G. S. I.*, IX, 331—350 (Abst., *Geol. Mag.*, Dec. 1, X, 28—30).

Wade, ————

1861 . 1807. Geographical Account of Assam. *As. Ann. Reg.*, VII, *Misc. Tracts*, 116—142.

Wade, C. M.

1862—1. 1835. Notes taken in 1829, relative to the Territory and Government of Iskardoh, from information given by Charagh Ali, an agent who was deputed to him in that year by Ahmad Shah, the Gelpo or ruler of that country. *Journ. A. S. B.*, IV, 589—601.

—2. 1836. Table showing the breadth of the river Sutlaj and the rate of its current at different stages from Harriké Pattan to its junction with the Indus at Mithankot. *Journ. A. S. B.*, V, 814—815.

—3. 1837. Note on the Hotspring of Lohand Khad. *Journ. A. S. B.*, VI, 153—154.

Waddell, L. A.

1863—1. 1890. On some new and little known Hot Springs in South Bihar. *Journ. A. S. B.*, LIX, Pt. 2, 224—235.

—2. 1895. The Falls of the Tsang-Po (San-Pu), and identity of that River with the Brahmaputra. *Geogr. Journ.*, V, 258—260.

—3. 1898. The Environs and Native names of Mount Everest. *Geogr. Journ.*, XII, 564—569.

—4. 1899. Among the Himalayas. 8°, 452 pp., Westminster (Review, *Geogr. Journ.*, XIII, 422—425, T. H. Holdich; *Nature*, LIX, 443—445, W. T. B.; *Man.*, I, No. 49, T. H. H.).

Wait, W. F.

1864 . 1914. The Distribution of Birds in Ceylon and its Relation to recent Geological Changes in the Island. *Spolia Zeyl.*, X, 1-32.

NATIONAL ARCHIVES OF INDIA

Walcott, C. D.

1865 . 1905. The Cambrian Fauna of India. *Proc. Washington Acad. Sci.*, VII, 251—256.

Waldie, D.

1866—1. 1866. [Note on paraffin from Burmah]. *Proc. A. S. B.*, 72—73.

—2. 1866. [Remarks on Pseudomorphs of Peroxide of Iron after Pyrites]. *Proc. A. S. B.*, 136—137.

—3. 1869. Analysis of the Khettree Meteorite, with an Account of its Fall. *Journ. A. S. B.*, XXXVIII, Pt. 2, 252—258; *Chem. News.*, XXI, 278—280 (Abst., *Proc. A. S. B.*, 1869, 169—170).

—4. 1870. Analysis of a new Mineral [O'Rileyite] from Burmah. *Proc. A. S. B.*, 279—283; *Chem. News.*, XXIII, 4—5.

Walhouse, M. J.

1867—1. 1876. Archæological Notes.—Aqua-Marina Gems, ancient and modern. *Ind. Antiquary*, V, 237—241.

—2. 1877. Note on the Barisal Guns. *Ind. Antiquary*. VI, 214.

Walker, A. M.

1868—1. 1841. Report on Productions and Manufactures in the district of Hunnumkoondah, in the dominions of His Highness the Nizam of Hyderabad. *Journ. A. S. B.*, X, 386—393.

—2. 1841. On the Geology, etc., etc., of Hunumkoondah (H. H. the Nizam's Territory). *Journ. A. S. B.*, X, 471—476.

—3. 1841. On the Natural Products about the Pundeelah River, H. H. the Nizam's Territory. *Journ. A. S. B.*, X, 509—517, 725—735.

—4. 1849. Statistical Report on the Circar of Wurungal. *Mad. Journ. Lit. Sci.*, XV, 219—301.

NATIONAL ARCHIVES OF INDIA

Walker, A. M.—*contd.*

1868—5. 1850. Statistical Report on the Northern and Eastern Districts of the Soubah of Hyderabad. *Mad. Journ. Lit. Sci.*, XVI, 182—235 (Abst., *Bibl. Univ.*, Ser. 4, XXII, 78).

—6. 1857. Report on boring for Coal at Kotah, a village 10 or 12 miles from the junction of the Wurdah River with the Godavery, in the months of April and May, 1848. *Mad. Journ. Lit. Sci.*, N. S., I, 261—265, 278.

Walker, H. (1) *see* **Falconer, H. 563.**

Walker, H. (2)

1869 . 1913. Note on the Geological Re-Survey of the Raniganj Coal-field, Bengal. *Trans. Min. Geol. Inst. Ind.*, VII, 226—279.

Walker, H. (2) *and* **Pascoe, E. H.**

1870 . 1907. Notes on certain Glaciers in Lahaul. *Rec. G. S. I.*, XXXV, 139—147 (Abst., *Nature*, LXXVII, 201).

Walker, J. T.

1871—1. 1862. On the Highland Region adjacent to the Trans-Indus Frontier of British India. *Journ. R. Geogr. Soc.*, XXXII, 303—316.

—2. 1862. [Remarks on the effect of Mountain attraction on the Plumb Line]. *Journ. A. S. B.*, XXXI, 537—540.

—3. 1866. On the measurements of the snowy peaks of the Himalaya. *Mad. Journ. Lit. Sci.*, Ser. 3, Pt. 2, 150—152.

—4. 1866. Preliminary Notice of Results of Pendulum Experiments made in India. *Proc. Roy. Soc.*, XV, 318—319.

—5. 1878. Recent Trans-Frontier Explorations [Middle Indus]. *Journ. A. S. B.*, XLVII, Pt. 1, 78—80.

—6. 1879. Explorations in Western Tibet (From Reports of the Survey of India). *Proc. R. Geogr. Soc.*, N. S., I, 444—452.

NATIONAL ARCHIVES OF INDIA

Walker, J. T.—*contd.*

1871—7. 1879. Exploration of the Great Sanpo River of Tibet during 1877, in connection with the operations of the Survey of India. *Proc. A. S. B.*, 203—205.

—8. 1882. [Exploration of Tibet]. *Proc. A. S. B.*, 159—162.

—9. 1883. On the Earthquake of the 31st December 1881 in the Bay of Bengal. *Proc. A. S. B.*, 60—62.

—10. 1884. Four Years' Journeyings through Great Tibet, by one of the Trans-Himalayan Explorers of the Survey of India. *Proc. R. Geogr. Soc.*, N. S., VII, 65—92.

—11. 1884. Earthquake Disturbances of the Tides on the Coasts of India. *Nature*, XXIX, 358—360.

—12. 1885. Account of the Operations of the Survey of India. Presidential Address, British Association, Section E. *Rep. Brit. Assoc.*, LV, 1106—1121; *Nature*, XXXII, 481—488 (Abst., *Scot. Geogr. Mag.*, I, 511—512).

—13. 1885. [The Sanpo Brahmaputra Problem; a reply to Mr. Gordon]. *Proc. R. Geogr. Soc.*, N. S., VII, 326—331.

—14. 1886. Notes on Mont Everest. *Proc. R. Geogr. Soc.*, N. S., VIII, 88—94.

—15. 1886. A last Note on Mont Everest. *Proc. R. Geogr. Soc.*, N. S., VIII, 257—263 (Abst., *Peterm. Mitth.*, XXXII, *Litt.* 83, Supan).

—16. 1887. The Lu River of Tibet; is it the source of the Irawadi or the Salwin? *Proc. R. Geogr. Soc.*, N. S., IX, 352—377.

—17. 1888. The Hydrography of South-Eastern Tibet. *Proc. R. Geogr. Soc.*, N. S., X, 577—584.

—18. 1888. Lettre....à propos de la notice de M. Dutreuil de Rhins sur le Thibet. *Bull. Soc. Géogr.*, Ser. 7, IX, 521—529.

NATIONAL ARCHIVES OF INDIA

Walker, J. T.—*contd.*

1871—19. **1890.** Account of recent Pendulum Operations for determining the relative Force of Gravity at the Kew and Greenwich Observatories. *Phil. Trans.*, CLXXXI—A, 537—558.

—20. **1892.** Expeditions among the Kachin Tribes on the North-east Frontier of Upper Burma. *Proc. R. Geogr. Soc.*, N. S., XIV, 161—173.

—21 **1894.** The Height of Peak Godwin Austen, of the Karakoram Himalayas. *Geogr. Journ.*, III, 339—340.

—22. **1894.** The height of K_2. *Alp. Journ.*, XVII, 33—35.

—23. **1896.** [Note on the sources of the Irrawaddy]. *Geogr. Journ.*, VII, 199—200.

Walker, T. L.

1872—1. **1897.** Percussion Figures on Micas. *Rec. G. S. I.*, XXX, 250—251 (Abst., *Zeits. f. Kryst.*, XXXI, 200, H. A. Miers).

—2. **1900.** A Geological Sketch of the Central portion of Jeypore Zemindari, Vizagapatam District. *Gen. Rep. G. S. I.*, 1899-1900, 166—176 (Abst., *Geol. Centralbl.*, I, 209, A. v. Krafft).

—3. **1902.** The Geology of Kalahandi State, Central Provinces. *Mem. G. S. I.*, XXXIII, Pt. 3, 1—22 (Abst., *Zeits. f. Kryst.*, XLI, 404—405, H. L. Bowman).

—4. **1907.** Nepheline Syenites from the Hill Tracts of Vizagapatam District, Madras Presidency. *Rec. G. S. I.*, XXXVI, 19—22 (Abst., *Geol. Mag.*, Dec. 5, V, 178—179, W. H. H.).

Walker, T. L. *and* **Collins, W. H.**

1873 . **1907.** Petrological Study of some Rocks from the Hill Tracts, Vizagapatam District, Madras Presidency. *Rec. G. S. I.*, XXXVI, 1—18 (Abst., *Zeits. f. Kryst.*, XLVIII, 680, H. L. Bowman; *Geol. Mag.*, Dec. 5, V, 177—178, W. H. H.).

NATIONAL ARCHIVES OF INDIA

Walker, W.

1874 . 1841. Memoir on the Coal found at Kotah, etc., with a Note on the Anthracite of Duntimnapilly. *Journ. A. S. B.*, X, 341—344.

Wall, P. W.

1875—1. 1857. Report on a reputed Coal formation at Kota on the (Upper) Godavery River. *Mad. Journ. Lit. Sci.*, N. S., II, 256—269.

—2. 1857. [Report on supposed Coal from Nellore]. *Mad. Journ. Lit. Sci.*, N. S., II, 292—293.

—3. 1858. Report on Lead Ores in the Cuddapah District. *Mad. Journ. Lit. Sci.*, N. S., IV, 279—284.

—4. 1858. Report on the Silver Lead Ores of the Kurnool District. *Mad. Journ. Lit. Sci.*, N. S., IV, 285—289.

—5. 1858. Report on the Silver Lead Ores of Kurnool and other portions of the Ceded Districts. *Mad. Journ. Lit. Sci.*, N. S., IV, 289—299.

—6. 1858. On Iron making at Roodrar (Kurnool). *Mad. Journ. Lit. Sci.*, N. S., IV, 299—304.

Wallace, W.

1876 . 1873. Lake Deposits in India [Analysis of Lonar Lake Salts]. *Chem. News.*, XXVII, 205.

Wallich, N.

1877 . 1828. Excursion up the Attaran River. *As. Journ.*, XXV, 666—668.

Walsh, E. H. C.

1878 . 1904. A Note on Stone Implements found in the Darjeeling District. *Journ. A. S. B.*, LXXIII, Pt. 3, 20—24.

Walter, C. K. M.

1879 . 1877. Gazetteers of Marwar Mallani, and Jeysulmere. 8°, 96 pp., Calcutta.

NATIONAL ARCHIVES OF INDIA

Walters, H.

1880—1. 1829. Account of visits to the Cosseah Hills. *As. Journ.*, XXVIII, 321—323.

—2. 1830. A further Account of the Cave of Booban [Khasi Hills]. *Edin. Journ. Sci.*, N. S., II, 268—270.

—3. 1832. Journey across the Pandua [=Khasi] Hills, near Silhet, in Bengal. *As. Res.*, XVII, 499—512.

—4. 1833. [On geological specimens from Arakan]. *Journ. A. S. B.*, II, 263—264.

Walther, J.

1881—1. 1889. Bericht über die Resultate einer Reise nach Ostindien im Winter 1888-89. *Verh. Ges. f. Erdk.*, XVI, 318—328; *Trans.* by R. B. Foote, *Rec. G. S. I.*, XXIII, 110—120 (Abst., *Ann. Géol. Univ.*, VII, 768-773, G. Ramond).

—2. 1889. Ueber Graphitgänge in Zersetztem Gneiss (Laterit) von Ceylon. *Zeits. deutsch. Geol. Ges.*, XLI, 359—364; *Trans.* by R. B. Foote, *Rec. G. S. I.*, XXIV, 42—45 (Abst., *Mineral. Mag.*, IX, 45; *Neu. Jahrb. f. Min.*, 1890, II, *Ref.* 277, O. Mügge; *Zeits. f. Kryst.*, XX, 290—291, E. Weinschenk).

—3. 1891. Die Adamsbrücke und die Korallenriffe der Palkstrasse. Sediment-studien im tropischen Litoralgebiet. *Peterm. Mitth.*, Ergbd., XXII, No. 102, 1—40.

Ward B. S.

1882 . 1837. Memoir descriptive of the Vurragherry and Kunnundaven Mountains. *Mad. Journ. Lit. Sci.*, VI, 280—294.

Ward, F. Kingdon.

1883 . 1913. Wanderings of a Naturalist in Tibet and Western China. *Scot. Geogr. Mag.*, XXIX, 341—350.

Ward, T. (1)

1884—1. 1832. [Note on the Geology of Elephant Hill on the Quedah Coast]. *Journ. A. S. B.*, I, 157—158; *Indo-China*, Ser. 1, I, 212—215.

NATIONAL ARCHIVES OF INDIA

Ward, T. (1)—*contd.*

1884—2. 1832. Sketch of the Geology of Pulo Pinang and the neighbouring Islands. *Proc. Geol. Soc.*, I, 392.

—3. 1833. Short Sketch of the Geology of Pulo Pinang and the neighbouring Islands. *As. Res.*, XVIII, Pt. 2, 149—168; *Indo-China*, Ser. 1, I, 201—211.

Ward, T. (2).

1885 . 1877. The Salt Lakes, Deserts, and Salt Districts of Asia. *Proc. Lit. Phil. Soc. Liverpool*, XXXII, 233—255.

Ward, T. A.

1886 . 1903. [On working a thick Coal-seam in India]. *Trans. Inst. Min. Eng.*, XXV, 193—194.

Ward, T. H.

1887—1. 1892. Report on a Survey of the Jherria Coal-field. *Rec. G. S. I.*, XXV, 110—113 (Abst., *Ann. Géol. Univ.*, IX, 576, G. Ramond; *Trans. N. E. Inst. Min. Eng.*, XLI, 330—331, O. S. E.).

—2. 1904. On the feasibility of introducing Modern Methods of Coke-making at the East Indian Railway Collieries. *Rec. G. S. I.*, XXXI, 92—102 (Abst., *Journ. I. S. Inst.*, LXVII, 594; *Bull. Imp. Inst.*, II, 291—292).

—3. 1910. Description of the Bye-product Coke Ovens at the East Indian Railway Company's Collieries, Giridih. *Trans. Min. Geol. Inst. Ind.*, IV, 351—359.

———*see* **Holland, T. H, 865.**

Ward, W. J.

1888 . 1869. Report on the soils and waters from the Reh Lands on the Western Jumna Canal. *Sel. Rec. Govt. N.-W. P.*, Ser. 2, II, 202—213.

Warnford-Lock, C. G.

1889—1. 1887. On the Sources of Saltpetre. *Journ. Soc. Arts*, XXXIV, 120—122.

—2. 1907. Mining in Malaya for Gold and Tin. 8°, 195 pp., London.

NATIONAL ARCHIVES OF INDIA

Warren, C. M., *and* Storer, F. H.

1890 . 1865. Examination of Naphtha obtained from Rangoon Petroleum. *Mem. Amer. Acad.*, N. S., IX, 208—216.

Warren, J.

1891—1. 1804. Observations on the Golden Ore found in the Eastern Provinces of Mysore, in the year 1802. *As. Ann. Reg.*, VI, *Misc. Tracts*, 1—7; *As. Journ.*, XIV, 560—563; *Journ. A. S. B.*, III, 463—474 (Abst., *Bibl. Univ.*, N. S., V, 187—189, I. M.).

—2. 1810. An Account of the Petrefactions near the village of Treevikeru in the Carnatic. *As. Res.* XI, 1—10.

Warth, F. J., *see* **Warth, H., 1893.**

Warth, H.

1892—1. 1871. Report on the Mayo salt mines, Khewra Salt Range. *Inland Customs Report*, 1869-70, 149—179.

—2. 1871. Site of the proposed rock salt shaft at Mount Jogi Tilla [Salt Range, Punjab]. *Inland Customs Report*, 1870—71, 175—177.

—3. 1871. The Brine Spring of Kalra near Bukrala on the Grand Trunk Road from Jhelum to Rawalpindee. *Inland Customs Report*, 1870-71, 177—178.

—4. 1871. Preliminary Report on the Salt-bearing Strata in the eastern part of the Salt Range, from the Mayo Salt Mines to the Jogi Tilla *Inland Customs Report*, 1870—71, 179—184.

—5. 1871. Report on the Salt Mines of the Punjab Salt Range, west of Pind Dadan Khan. *Inland Customs Report*, 1870-71, 184—213.

—6. 1873. Report on the Iron Industry in Chota Bhagal, Kangra District. *Punjab Gazette*, October 23rd, 1873.

—7. 1876. On the Economic Aspect of the Trans-Indus Salt Region. *Mem. G. S. I.*, XI, 299—330.

NATIONAL ARCHIVES OF INDIA

Warth, H.—*contd.*

1892—8. 1876. Notizen über die Steinsalz-bergwerke in Ostindien. *Oesterr. Zeits. f. Berg-u. Huttenw.*, XXIV, 385—386, 395—398, 407—410.

—9. 1881. Notes on the Manufacture of Iron and the future of the Charcoal-Iron-Industry in India. Fol., 20 pp., Allahabad.

—10. 1881. The Iron Works at Dechouri in Kumaon. *Ind. Forester*, VI, 211—218.

—11. 1884. Geological Map of the Municipality of Mussoorie, with the Landour Cantonment and Rajpur. *Ind. Forester*, X, 113—119.

—12. 1884. Discovery of Coprolites at Mussoorie. *Ind. Forester*, X, 422—423.

—13. 1887. Analysis of Phosphatic Nodules from the Salt-range, Punjab. *Rec. G. S. I.*, XX, 50.

—14. 1887. On the identity of the Olive Series in the east, with the Speckled Sandstones in the west, of the Salt Range in the Punjab. *Rec. G. S. I.*, XX, 117—119.

—15. 1887. A Tour in the Salt Range, Punjab. *Ind. Forester*, XIII, 157—163.

—16. 1888. A Facetted Pebble from the Boulder Bed ("Speckled Sandstone") of Mount Chel in the Salt Range in the Punjab. *Rec. G. S. I.*, XXI, 34—35.

—17. 1889. Recent Assays from the Sambhar Salt Lake in Rajputana. *Rec. G. S. I.*, XXII, 214—216.

—18. 1891. The Salts of the Sambhar Lake in Rajputana, and of the Saline Efflorescence called 'Reh' from Aligarh in the N.-W. Provinces. *Rec. G. S. I.*, XXIV, 68—69.

—19. 1891. Analysis of Dolomite from the Salt Range, Punjab. *Rec. G. S. I.*, XXIV, 69—71.

—20. 1892. The Tin District in Burma. *Nature*, XLVI, 522.

NATIONAL ARCHIVES OF INDIA

Warth, H.—*contd.*

1892—21. 1895. The Cretaceous Formation of Pondicherry. *Rec. G. S. I.*, XXVIII, 15—21 (Abst., *Neu. Jahrb. f. Min.*, 1898, I, *Ref.* 332—333, J. Böhm).

—22. 1895. The Quarrying of Granite in India. *Nature*, LI, 272.

—23. 1896. On the occurrence of blue Corundum and Kyanite in the Manbhum District, Bengal. *Rec. G. S. I.*, XXIX, 50—51 (Abst., *Neu. Jahrb. f. Min.*, 1897, II, *Ref.* 11—12, K. Busz; *Zeits. f. Kryst.*, XXX, 90, H. A. Miers).

—24. 1897. Conularien im "Boulder-bed" der Salzkette im Pandschab. *Neu. Jahrb. f. Min.*, I, 211—212.

—25. 1898. Ueber die Nila-Schlucht [Salt Range]. *Neu. Jahrb. f. Min.*, I. 171.

—26. 1901. On Gibbsite from the Palni Hills in Southern India. *Mineral. Mag.*, XIII, 172—173 (Abst., *Neu. Jahrb. f. Min.*, 1903, I, *Ref.* 381—382, K. Busz; *Zeits. f. Kryst.*, XXXIX, 97, C. Hintze).

—27. 1902. Ueber Hydrargillit von den Palni-Bergen in Süden Indiens. *Centralbl.*, III, 176—179 (Abst., *Geol. Centralbl.*, IV, 299, E. Kaiser).

—28. 1905. Weathered Dolerite of Rowley Regis (South Staffordshire) compared with the Laterite of the Western Ghâts near Bombay. *Geol. Mag.*, Dec. 5, II, 21—23 (Abst., *Neu. Jahrb. f. Min.*, 1907, I, *Ref.* 391—392, K. Busz).

—29. 1906. On the use of Gypsum for the recovery of ammonia as a bye-product in coke-making. *Chem. News*, XCIII, 259—260 (Abst., *Rec. G. S. I.*, XXXIV, 136, L. L. Fermor).

——— *see* **King, W., 987—42.**

——— *see* **Waagen, W., 1859—19.**

——— *see* **Wynne, A. B., 1976.**

NATIONAL ARCHIVES OF INDIA

Warth, H., *and* F. J.

1893 . 1903. The Composition of Indian Laterite. *Geol. Mag.*, Dec. 4, X, 154—159; *Chem. News*, LXXXVII, 256—258 (Abst., *Neu. Jahrb. f. Min.*, 1905, II, *Ref.* 15—16, K. Busz; *Journ. Chem. Soc.*, LXXXVI, Pt. 2, 181, L. J. S.).

Waterhouse, J.

1894—1. 1879. Notes on the Survey Operations in Afghánistán in connection with the Campaign of 1878-79; compiled from Letters and Diaries of the Survey officers. *Journ. A. S. B.*, XLVIII, Pt. 2, 146—172.

—2. 1888. [On the Barisal Guns]. *Proc. A. S. B.*, 102—111.

Waters, A. W.

1895 . 1908. Note on a sub-Fossil Polyzoon from Calcutta. *Rec. Indian Mus.*, II, 109—110.

Waterstradt, J.

1896 . 1902. Kelantan and my trip to Gunong Tahan. *Journ. Str. As. Soc.*, XXXVII, 1—27.

Watson,———

1897 . 1856. [Memorandum on two Hot Springs at Kujoorah, Jessore]. *Journ. A. S. B.*, XXV, 225.

Watson, C. E.

1898 . 1865. Journal of the Salween Expedition, during the Season of 1864-65. *Sel. Rec. Govt. India*, XLIX, 3—29.

Watson, H. E., *and* Pal, Gostabehari

1899 . 1914. On the Radioactivity of the Rocks of the Kolar Gold-Fields. *Phil. Mag.*, Ser. 6, XXVIII, 44—51.

Watson, J. L.

1900 . 1855. Report on the Deposits of Iron Ore at Loha Bhur Bhur and Dechowree, made on the 1st November 1855. *Sel. Rec. Govt. India*, VIII-A, 103—108.

Watson, J. W.

1901 . 1867. [On Encroachments of the sea on the Southern Coast of Kattyawar]. *Trans. Bo. Geogr. Soc.*, XVIII, *Proc.* lxxxvii—xcii; XIX, *Proc.* xxxiv—xxxviii.

NATIONAL ARCHIVES OF INDIA

Watson, T. C.

1902—1. 1834. Chirra Punji, and a Detail of some of the favourable circumstances which render it an Advantageous Site for the Erection of an Iron and Steel Manufactory on an extensive scale. *Journ. A. S. B.*, III, 25—33.

—2. 1834. [Letter on Coal from the Kasia Hills]. *Journ. A. S. B.*, III, 142.

Watt, *Sir* G.

1903—1. 1889—1896. A Dictionary of the Economic Products of India. 8°, 6 Vols. and Index, Calcutta.

—2. 1894. Memorandum on the Resources of British India. 8°, 79 pp., Calcutta.

—3. 1902. Arsenic as it Occurs in India. A popular Account including the chief Commercial Facts regarding that Substance. *Agric. Ledger.*, IX, No. 4, 103—106 (Abst., *Eng. Min. Journ.*, LXXIV, 784).

—4. 1902. Alkalis, Alkaline Earths, Alkaline Ashes, Alkaloids, etc. A Review of existing information in which are brought out the chief Commercial Facts regarding these Substances. *Agric. Ledger.*, IX, No. 5, 107—148.

—5. 1908. The Commercial Products of India: being an abridgment of "The Dictionary of the Economic Products of India." 8°, 1189 pp., London.

Waugh, A. S.

1904—1. 1856. Messungen der Höchsten Gipfel der Erde. *Peterm. Mitth.*, II, 379—381.

—2. 1857. [On the identification of Mount Everest with Deodangha]. *Journ. A. S. B.*, XXVI, 297—312.

—3. 1857. Papers relating to the Himalaya and Mount Everest. *Proc. R. Geogr. Soc.*, I, 345—347.

—4. 1858. On Mounts Everest and Deodanga. *Proc. R. Geogr. Soc.*, II, 102—115.

NATIONAL ARCHIVES OF INDIA

Wayland, E. J.

1905 . 1915. Notes concerning the Occurrence of small Desert Tracts in the North-West of Ceylon. *Spolia Zeyl.* X, 166—174.

Webb, W. Spencer.

1906—1. 1819. Latitudes, Longitudes, and Elevations above the Sea, of Places and Stations in the Province of Kumaon. *Quart. Journ. Sci.*, VI, 58—65 (Abst., *Ann. Chim. Phys.*, IX, 310—313).

—2. 1820. Memoir relative to a Survey of Kemaon, with some Account of the Principles, upon which it has been conducted. *As. Res.*, XIII, 293—310.

—3. 1820. Extract of a Letter [describing a journey to the Niti Pass]. *Quart. Journ. Sci.*, IX, 61—69.

—4. 1834. Altitudes of Places in Kumaon. *Journ. R. Geogr. Soc.*, IV, 376—418.

Webber, F. X. J.

1907 . 1872. On the Floatation of Sand on the River Ganges. *Proc. R. I. Acad.*, Ser. 2, I, *Sci.*, 252—253.

Weber, H. A.

1908 . 1902. [Analysis of Graphite from Ceylon]. *Centralbl.*, III, 505.

Wehrli, H. J.

1909 . 1907. Zur Wirtschafts— und Siedlungs—Geographie von Ober-Burma und den Nördlichen Shan-Staaten. 8°, 130 pp., Zurich (Abst., *Nature*, LXXVI, 101).

Weinschenk, E.

1910—1. 1897. Der Kenntniss der Graphitlagerstätten. I.—Graphit und Graphitlagerstätten im Allgemeinem. *Abhandl. k.-bayer. Akad. Wiss.*, XIX, 509-564. III.—Die Graphitlagerstätten der Insel Ceylon. *Ibid.*, XXI, 279—335 (Abst., *Geol. Mag.*, Dec. 4, VIII, 175—177, A. K. Coomaraswamy; *Neu. Jahrb. f. Min.*, 1901, II, *Ref.* 77—80, E. Sommerfeldt; *Zeits. f. Kryst.*, XXXVI, 316—318, W. Salomon; *Geol. Centralbl.*, IV, 72—73, A. Klautzsch; *Trans. N. E. Inst. Min. Eng.*, LI, *App.* 26—27, L. L. B.).

NATIONAL ARCHIVES OF INDIA

Weinschenk, E.—*contd.*

1910—2. 1900. Die Graphitlagerstätten der Insel Ceylon. *Zeits. f. prakt. Geol.*, 174—181.

Weld, C. M.

1911 . 1915. The Ancient Sedimentary Iron Ores of British India. *Econ. Geol.*, X, 435—452.

Weller, J. A.

1912 . 1843. Extract from the Journal of a trip to the Bulcha und Oonta Dhoora Passes, with an eye-sketch. *Journ. A. S. B.*, XII, 78—102.

Westerhout, J. W.

1913—1. 1844. [Information relative to the Gold Mines at Malacca]. *Cal. Journ. Nat. Hist.*, IV, 539—540.

—2. 1848. Notes on Malacca. *Journ. Ind. Archipelago*, II, 171—173.

Weston, H. B.

1914 . 1845. [Note on a supposed sub-marine eruption off the coast of Arracan]. *Journ. A. S. B.*, XIV, *Proc.*, xxix.

Wetherell, E. W.

1915—1. 1902. Report on a Geological Survey of the Country between Kibbanhalli and Seringapatam. *Rec. Mysore Geol. Dep.*, III, 81—103.

—2. 1902. Report on a Geological Survey of the Country between Nittur and Kunigal. *Rec. Mysore Geol. Dep.*, III, 104—106.

—3. 1902. Note on the alterations of Ultrabasic Dykes occurring between Bansandra and Turuvekere, Tumkur District. *Rec. Mysore Geol. Dep.*, III, 107—108.

—4. 1902. Note on a solid form of concretionary Limestone occurring at Badanval Hulhalli in the South Amble Bloch and other localities in the Nanjangud Taluk, Mysore District. *Rec. Mysore Geol. Dep.*, III, 109—112.

NATIONAL ARCHIVES OF INDIA

Wetherell, E. W.—*contd.*

1915—5. **1903.** Preliminary report on the country between 76° 40′ and 77° 55 E. and between 13° 20′ to 14° 30′ N. in parts of the Tumkur, Bangalore, Kolar and Anantapur Districts. *Rec. Mysore Geol. Dep.*, IV, 53—89.

—6. **1903.** Report on a Geological Survey of part of the Tarikere Taluk between Ajjampur and Tarikere. *Rec. Mysore Geol. Dep.*, IV, 90—109.

—7. **1903.** Note on a gedrite bearing rock from Palwalli, Pavagada Taluk, and allied rocks from other localities. *Rec. Mysore Geol. Dep.*, IV, 110—114.

—8. **1903.** The Lalbagh Quarry, Bangalore. *Rec. Mysore Geol. Dep.*, IV, 115—118.

—9. **1904.** Report on the country lying between 76° 35′ and 76° 59′ E. longitude, and between 13° 19′ and 14° 10′ N. latitude, in parts of the Chitaldrug and Tumkur Districts. *Rec. Mysore Geol. Dep.*, V, Pt. 2, 1—34.

—10. **1905.** The Dyke Rocks of Mysore. *Mem. Mysore Geol. Dep.*, II, 1—108.

—11. **1905.** General Report of the Work of the Mysore Geological Department from July 1904 to June 1905. *Rec. Mysore Geol. Dep.*, VI, Pt. 1, 1—21.

—12. **1905.** Geological Survey Work of the Mysore Geological Department during the year 1904-05. *Rec. Mysore Geol. Dep.*, VI, Pt. 2, 1—4.

—13. **1906.** Laterite in Mysore. *Mem. Mysore Geol. Dep.*, III, 1—27.

—14. **1906.** General Report of the Work of the Mysore Geological Department from July 1905 to June 1906. *Rec. Mysore Geol. Dep.*, VII, Pt. 1, 1—16.

—15. **1910.** Report on the Water Supply of Chickballapur Town. *Rec. Mysore Geol. Dep.*, XI, 107—118.

NATIONAL ARCHIVES OF INDIA

Wetherell, E. W.—*contd.*

1915—16. 1912. General Report of the Work of the Geological Department, Mysore, from July 1910 to June 1911. *Rec. Mysore Geol. Dep.*, XII, Pt. 1, 1—13.

Wetherill, C. M.

1916—1. 1867. Experiments on Itacolumite (Articulite), with the explanation of its flexibility and its relation to the formation of the Diamond. *Amer. Journ. Sci.*, Ser. 2, XLIV, 61—68.

—2. 1870. Note on Itacolumite (Articulite). *Chem. News*, XXII, 266—267.

Whish, R. W.

1917 . 1861. Memoir on Bahreyn. *Trans. Bo. Geogr. Soc.*, XVI, 40—47.

White, J. (1)

1918 . 1864. Memorandum on Reh efflorescence. *Sel. Rec. Govt. India*, XLII, 83—85.

White, J. (2)

1919 . 1907. Waste in Bengal Coal Mining. *Trans. Min. Geol. Inst. Ind.*, II, 71—81.

White, J. Claude.

1920—1. 1909. Sikkim and Bhutan: twenty-one years on the North-East Frontier, 1887-1908. 8°, 332 pp., London (Review, *Geogr. Journ.*, XXXV, 182—183).

—2. 1910. Journeys in Bhutan. *Geogr. Journ.*, XXXV, 18—42.

—3. 1912. A short description of Sikkim, Lhasa, and part of Tibet. *As. Quart. Rev.*, Ser. 3, XXXIII, 361—367.

White, J. S. D.

1921 . 1856. [Note on the coal at Thayetmyo on the Irrawaddy]. *Sel. Rec. Govt. India*, X, 91—92.

White, J. Tsaw Os

1922 . 1886. Analysis of a specimen of Jade from Mogaung, found in the Palace at Mandalay. *Chem. News*, LIV, 20.

NATIONAL ARCHIVES OF INDIA

Whitelock, ————

1923 . 1838. Descriptive Sketch of the Islands and Coast situated at the entrance of the Persian Gulf. *Trans. Bo. Geogr. Soc.*, I, 113—127.

Whitton, G. E.

1924 . 1876. Report on the proposed Sanitarium, its extent and situation, on the Kilasa in the Vizagapatam District. SHORTT'S *Hill Ranges of S. India*, Pt. 5, 12—27.

Wichmann, H.

1925 . 1885. Die Reise des Punditen A—K— durch das östliche Tibet, 1878-1882. *Peterm. Mitth.*, XXXI, 1—6.

Wilcox, R.

1926—1. 1827. Abstract of the Journal of the Proceedings of Lieutenant Wilcox, now engaged in a Survey of the North-east of Assam [Mishmi Hills]. *Edin. Journ. Sci.*, VII, 63—68.

—2. 1832. Memoir of a Survey of Assam and the Neighbouring Countries, executed in 1825-6-7-8. *As. Res.*, XVII, 314—469; *Sel. Rec. Beng. Govt.*, XXIII, 19—138 (Abst., *As. Journ.*, XXVI, 524—528).

Wilford, F.

1927 . 1822. On the ancient Geography of India. *As. Res.*, XIV, 373—470.

Wilkins, ————

1928 . 1827. Translation of an Account in the Persian Language, of the falling of an Aërolite, in the night of the 7th August, A.D. 1822, near the Village of Kadonah, in the District of Agra, East Indies. *Quart. Journ. Sci.*, XXIII, 458—459; *As. Journ.*, XXIII, 834.

Wilkins, H. St. C.

1929 . 1857. Extract from a Report on Attempts made to supply Aden with Water. *Journ. Bo. As. Soc.*, V, 597—611.

Wilkinson, C. J.

1930 . 1871. Sketch of Geological Structure of the Southern Konkan. *Rec. G. S. I.*, IV, 44—47.

NATIONAL ARCHIVES OF INDIA

Wilkinson, H.

1931 . 1837. On the Cause of the external Pattern, or Watering of the Damascus Sword-Blades. *Journ. R. As. Soc.*, IV, 187—193.

Wilkinson, J.

1932 . 1834. [Letter forwarding a specimen of Coal from Bhulia, in Ramgarh]. *Journ. A. S. B.*, III, 142.

Wilkinson, T.

1933 . 1843. [Note on Minerals in Nagpore Territory]. *Cal. Journ. Nat. Hist.*, III, 290—292.

Williams, D.

1934—1. 1843. [Report on the appearance of a Volcanic Island off the coast of Arracan]. *Journ. A. S. B.*, XII, 832—833, 1017.

—2. 1845. [Note on a supposed sub-marine Eruption off the coast of Arracan]. *Journ. A. S. B.*, XIV, *Proc.*, xxiv—xxv.

—3. 1846. [Note on the Eruption of a Mud-Volcano in the Island of Ramree]. *Journ. A. S. B.*, XV, *Proc.*, xcii—xciii.

Williams, D. H.

1935—1. 1850. A Geological Report on the Damoodah Valley. 8°, 131 pp., London.

—2. 1852. A Geological Report on the Kymore Mountains, the Ramghur Coal Fields, and on the Manufacture of Iron, etc., etc. 8°, 92 pp., Calcutta.

Williams, E. C. S.

1936 . 1856. Pegu; Its Geography, Descriptive and Physical. *Sel. Rec. Govt. India*, XX, 1—22.

Williamson, Noel

1937 . 1909. The Lohit-Brahmaputra between Assam and South-Eastern Tibet, November 1907 to January 1908. *Geogr. Journ*, XXXIV, 363—383 (Abst., *Globus*, XCVI, 338—339.

——— *see* **Lumsden, D. M., 1101.**

NATIONAL ARCHIVES OF INDIA

Willoughby, J. P.

1938 . 1856. Memoir on the Rajpeepla State. *Sel. Rec. Bo. Govt.*, N. S., XXIII, Pt. 1, 261—282.

Wilson, A.

1939 . 1875. The Abode of Snow. Observations on a Journey from Chinese Tibet to the Indian Caucasus, through the upper valleys of the Himalaya. 8°, 475 pp., Edinburgh and London (Review, *Nature*, XIII, 4—5; *Geogr. Mag.*, II, 280—281).

Wilson, C. R.

1940 . 1892. Note on the topography of the river in the 16th century from Húghli to the Sea as represented in the Da Asia of De Barros. *Journ. A. S. B.*, LXI, Pt. 1, 109—117.

Wilson, H. H.

1941—1. 1820. Observations on the Snake-Stone. *As. Res.*, XIII, 322—328.

—2. 1827. Notice of a hot Spring in Ramghur. *Trans. Med. Phys. Sec. Calcutta, III*, 450.

Wilson, H. M.

1942 . 1903. Irrigation in India *U. S. Geological Survey*.—Water Supply, No. 87, 1—238.

Wilson, *Rev.* J.

1943 . 1869. [Remarks on Fossil Remains from the Island of Perim]. *Journ. Bo. As. Soc.*, IX, *Proc.*, cxi—cxii.

Wilson, *Rev.* J., *and* Smyttan, ————

1944 . 1838. Account of a Visit to the Falls on the Shiráwatí River in Canara. *Edin. N. Phil. Journ.*, XXIV, 185—191.

Wilson, J. R. R.

1945 . 1911. On Coal-mining in India. *Trans. Inst. Min. Eng.*, XIII, 177—178.

Wilson, W. L.

1946 . 1867. [Stone implements from Central India]. *Proc. A. S. B*, 142.

NATIONAL ARCHIVES OF INDIA

Winchester, J. W.

1947 . 1838. Note on the Island of Karrack in the Gulf of Persia. *Trans. Bo. Geogr. Soc.*, II, Pt. 2, 35—38.

Wingate, G.

1948—1. 1848. [Note on the fall of an aerolite near Dharwar, 15th February 1848]. *Trans. Bo. Geogr. Soc.*, VIII, *Proc.*, xl—xlvi.

—2. 1852. Remarks on the Laterite of the Southern Conkan and Southern Mahratta Country. *Trans. Bo. Geogr. Soc.*, X, 287—291.

Wislicenus, J.

1949 . 1862. Rothkupfererz von Landu in Bengalen. *Zeits. gesammt. Naturw. Halle*, XX, 196—198; *Vierteljahrs. Naturf. Ges. Zurich*, VII, 17—20.

Wittenburg, P. *von.*

1950 . 1909. Einige Lamellibranchiata der Salt-Range, mit Berücksichtigung der Lamellibranchiata des Süd-Ussuri-Gebiets. *Neu. Jahrb. f. Min.*, I, 6—13 (Abst., *Geol. Centralbl.*, XIV, 536, J, Böhm).

Wojeikoff, St.

1951 . 1876. [Black Cotton Soil of India]. *Isvestia, Russ. Geogr. Soc.*, No. 3 (Abst., *Nature*, XVI, 425).

Wolff, W.

1952—1. 1909. Im Malaiischen Urwald and Zinngebirge. 8°, 240 pp., Berlin.

—2. 1911. J. B. Scrivenor's Arbeiten über die Geologie der Zinnerzlager von Britisch-Malaya. *Zeits. f. prakt. Geol.*, XIX, 152—157, 168 (Abst., *Geol. Centralbl.*, XVI, 501—502, Quitzow).

Wood, ————

1953 . 1835. Extract from a private Journal regarding the Lakeradeevh Archipelago. *Journ. R. Geogr. Soc.*, VI, 29—33.

Wood, Browne.

1954 . 1844. Extracts from a report of a journey into the Naga Hills. *Journ. A. S. B.*, XIII, 771—785.

NATIONAL ARCHIVES OF INDIA

Wood, H. (1)

1955 . 1877. Note on the Drainage of the Upper Oxus Basin. *Geogr. Mag.*, IV, 229—230.

Wood, H. (2), *and* Gore, St.G. C.

1956 . 1904. Report on the Identification and Nomenclature of Himalayan Peaks. Fol., iii + 7 + iv pp., Calcutta (Review, *Nature* LXXI, 42—46, S. G. Burrard).

Wood, J. (1)

1957 . 1762. Of a Burning Rock and Flaming Well [near Islamabad,=Chittagong], in the East Indies. *Phil. Trans.*, LII, 415—417; *Abridg.*, XI, 600—601.

Wood, J. (2)

1958—1. 1841. Report on the River Indus (Sections 1—5). *Journ. A. S. B.*, X, 518—568; *Sel. Rec. Bo. Govt.*, N. S., XVII, Pt. 2, 541—588.

—2. 1841. Personal Narrative of a Journey to the Source of the River Oxus by the Route of the Indus, Kabul, and Badakhshan, performed....in the years 1836, 1837, and 1838. 8°, 424 pp., London (Review, *As. Journ.*, N. S., XXXIV, Pt. 1, 152—160).

—3. 1872. A Journey to the Source of the River Oxus. 8°, 280 pp., London.

Wood, Martin.

1959 . 1882. [Remarks on Gold-mining in India]. *Journ. Soc. Arts.*, XXX, 592.

Woodburn, ————

1960 . 1856. Account of the Sambur Salt Lake, Rajpootana. *Trans. Bo. Geogr. Soc.*, XII, *Appendix* E, 15—17.

Wood-Mason, J.

1961—1. 1888. Notes on some Objects from a Neolithic Settlement recently discovered by Mr. W. H. P. Driver at Ranchi in the Chota-Nagpore District. *Journ. A. S. B.*, LVII, Pt. 2, 387—396.

NATIONAL ARCHIVES OF INDIA

Wood-Mason, J.—*contd.*

1961—2. 1889. Notice of a Neolithic Celt from Jashpur in the Chota Nagpur District. *Journ. A. S. B.*, LVIII, Pt. 2, 254.

———*see* **Feistmantel, O., 570—9.**

Woodthorpe, R. G.

1962—1. 1888. Explorations on the Chindwin River, Upper Burma. *Proc. R. Geogr. Soc.*, N. S., XI, 197—216.

—2. 1896. The Country of the Shans. *Geogr. Journ.*, VII, 577—602.

—3. 1896. The Shan Hills: their Peoples and Products. *Journ. Soc. Arts*, XLIV, 197—210.

Woodward, A. Smith.

1963 . 1908. On some Fish-remains from the Lameta Beds at Dongargaon, Central Provinces. *Pal. Indica*, N. S., III, Pt. 3, 1—6 (Abst., *Revue Pal.*, XIII, 155).

——— *see* **Lydekker, R., 1110.**

——— *see* **Seward, A. C., 1611.**

Woodward, Henry

1964—1. 1870. The Geological Survey of India. *Journ. Sci.*, VII, 458—467.

—2. 1899. Notes on *Elephas* (*Stegodon*) *ganesa*, Falc. and Caut., from the Pliocene Deposits of the Sewalik Hills, India. *Geol. Mag.*, Dec. 4, VI, 337—341 (Abst., *Neu. Jahrb. f. Min.*, 1902, II, Ref. 463, M. Schlosser).

—3. 1905. Note on a Fossil Crab and a Group of *Balani* discovered in Concretions on the Beach at Ormara Headland, Mekran Coast. *Geol. Mag.*, Dec. 5, II, 305—310.

Workman, *Mrs.* F. Bullock.

1965—1. 1900. Dans les Neiges du Baltistan. *Ann. Club Alp franç.*, XXVII, 320—355.

—2. 1904. Climbing in the North-West Himalaya. *Scot. Geogr. Mag.*, XX, 47—49.

NATIONAL ARCHIVES OF INDIA

Workman, *Mrs.* F. Bullock—*contd.*

1965—3. 1904. Exploration des glaciers du Kara-Korum. *La Géographie*, IX, 249—256; X, 410—412.

—4. 1905. First Exploration of the Hoh Lumba and Sosbon Glaciers. *Geogr. Journ.*, XXVII, 129—144 (Abst., *Nature*, LXXIV, 19).

—5. 1907. Exploration de Nun-Kun. *La Géographie*, XV, 93—102.

—6. 1912. Some Notes on my 1912 Expedition to the Siachen or Rose Glacier. *Geogr. Journ.*, XL, 615—620.

—7. 1914. The Exploration of the Siachen or Rose Glacier, Eastern Karakoram. *Geogr. Journ.*, XLIII, 117—141.

——— *see* **Merz, A., 1210—2.**

Workman, *Mrs.* F. Bullock *and* W. Hunter.

1966—1. 1900. In the Ice World of Himalaya: among the Peaks and Passes of Ladakh, Nubra, Suru, and Baltistan. 8°, 204 pp., London (Review, *La Géographie*, III, 248—249, C. Rabot; *Peterm. Mitth.*, XLVIII, *Litt.*, 128, C. Diener).

—2. 1908. Ice-bound Heights of the Mustagh: an Account of two seasons of Pioneer Exploration and High Climbing in the Baltistan Himalaya. 8°, 444 pp., London.

—3. 1909. The Hispar Glacier. *Geogr. Journ.*, XXXV, 105—132 (Review, *Nature*, LXXXIII, 222—223, T. G. Bonney; *Peterm. Mitth.*, LVI, Pt. 2, 40, Hess).

—4. 1909. Peaks and Glaciers of Nun Kun: a Record of Pioneer-Exploration and Mountaineering in the Punjab Himalaya. 8°, 204 pp., London (Review, *Nature*, LXXXIV, 78—80, T. H. Holland; *Peterm. Mitth.*, LVI, Pt. 2, 272, Oestreich).

NATIONAL ARCHIVES OF INDIA

Workman, *Mrs.* F. Bullock *and* W. Hunter—*contd.*

1966—5. **1910.** The Call of the Snowy Hispar: a narrative of Exploration and Mountaineering on the Northern Frontier of India. 8°, 298 pp., London (Review, *Geogr. Journ.*, XXXVII, 304, W. Broadfoot).

——— *see* **Calciati, C., 258.**

Workman, W. Hunter.

1967—1. **1904.** From Srinagar to the Sources of the Chogo-Lungma Glacier. *Geogr. Journ.*, XXV, 245—268.

—2. **1905.** Temperatures and "Glacial Reservoirs." *Geogr. Journ.*, XXV, 683—684.

—3. **1907.** An Exploration of the Nun Kun Mountain Group and its Glaciers. *Geogr. Journ.*, XXXI, 12—42.

—4. **1907.** A Study of Nieves Penitentes in the Himalaya. *Zeits. f. Gletscherk.*, II, 22—28; III, 241—270 (Abst., *Geogr. Journ.*, XXXIV, 570—571).

—5. **1908.** Nieves Penitentes in Himalaya. *Alp. Journ.*, XXIV, 139—148.

—6. **1910.** The Tongue of the Hasanabad Glacier in 1908. *Geogr. Journ.*, XXXVI, 194—196.

—7. **1913.** Features of Karakoram glaciers connected with pressure, especially of affluents. *Zeits. f. Gletscherk.*, VIII, 65—103 (Abst., *Geol. Centralbl.*, XXI, 290).

—8. **1914.** Physical Characteristics of the Siachen Basin and Glacier-System. *Geogr. Journ.*, XLIII, 273—292.

Worobieff, V. J. *von.*

1968 . **1900.** Krystallographische Studien über Turmalin von Ceylon und einigen anderen Vorkommen. *Verh. russ.—k. Min. Ges.*, Ser. 2, XXXIX, 35—258.; *Zeits. f. Kryst.*, XXXIII, 263—454 (Abst., *Neu. Jahrb. f. Min.*, 1902, I, *Ref.* 178—184, K. Busz).

NATIONAL ARCHIVES OF INDIA

Wragge, A. Romaine.

1969—1. 1871. On Peat and its profitable utilisation in Indian Locomotives, and for other purposes. *Journ. Soc. Arts.*, XIX, 201—208.

—2. 1871. Resources of India.—Coal.—The Mayo Colliery. *Journ. Soc. Arts.*, XIX, 728—729.

—3. 1871. Resources of India.—Wurrora Coal. *Journ. Soc. Arts.*, XIX, 837.

—4. 1871. Note on the Warora Coal. *Min. Journ.*, XLI, 956.

Wray, Leonard.

1970—1. 1885. Physical Geography of the Malayan Peninsula. *Nature*, XXXI, 459.

—2. 1886. Notes on Perak with a sketch of its vegetable, animal, and mineral products. 8°, 33 pp., London.

—3. 1893. On the Black Limestone of Kamuning, Federated Malay States. *Perak Mus. Notes*, I, 28.

—4. 1893. Alluvial Tin-prospecting. *Perak Mus. Notes*, I, No. 2, 1—114.

—5. 1894. Some account of the Tin Mines and Mining Industries of Perak. *Perak. Mus. Notes*, I, No. 3, 1—24.

—6. 1894. Report on a sample of Wolfram from Chemor, Batang Padang. *Perak Mus. Notes*, III, 75.

Wright, B. W.

1971—1. 1834. A short notice of Earthquakes. *Mad. Journ. Lit. Sci.*, I, 104—111.

—2. 1837. [Note on an Earthquake in Ganjam, 29th June 1837]. *Mad. Journ. Lit. Sci.*, VI, 246.

Wright, C. M. P.

1972—1. 1902. Cyaniding Concentrates by Percolation at the Choukpazat Gold Mines. *Trans. Inst. Min. Met.*, XII, 156—159.

NATIONAL ARCHIVES OF INDIA

Wright, C. M. P.—*contd.*

1972—2. 1906. The Dandli Coal-field; Notes on a visit to the Coal outcrops in the Kotli Tehsil of the Jammu State. *Rec. G. S. I.*, XXXIV, 37—39 (Abst., *Journ. I. S. Inst.*, LXXII, 760).

Wright, G. F.

1973 — 1901. Recent Geological Changes in Northern and Central Asia. *Quart. Journ. Geol. Soc.*, LVII, 244—250.

Wroughton, R.

1974 — 1841. Report on the Coal of Singrowlie. *Coal Com. Rep.*, 1841, Appendix No. 16, xxii—xxiv.

Wüllner, A., *see* **Bettendorff, A., 117.**

Wynne, A. B.

1975—1. 1866. On the Geology of the Island of Bombay. *Mem. G. S. I.*, V, 173—225 (Abst., *Geol. Mag.*, Dec. 1, IV, 165—166).

—2. 1866. Remains of Pre-historic Man in Central India. *Geol. Mag.*, Dec. 1, III, 283—284.

—3. 1866. Notes on some Physical Features of the Land formed by Denudation. *Journ. R. Geol. Soc. Ireland*, I, 256—261.

—4. 1867. On Denudation with reference to the Configuration of the Ground. *Geol. Mag.*, Dec. 1, IV, 3—11.

—5. 1868. Geological Notes on the Surat Collectorate, Season 1862-63. *Rec. G. S. I.*, I, 27—32; *Bombay Gazetteer*, II, 29—36 (Abst., *Geol. Mag.*, Dec. 1, VI, 17—18).

—6. 1869. On the occurrence of Frog-beds at a locality hitherto concealed, but exposed now by reclamation works in Bombay Island, December 1867. *Mem. G. S. I.*, VI, 385—386.

—7. 1869. The Valley of the Poorna River, West Berar. *Rec. G. S. I.*, II, 1—5 (Abst., *Geol. Mag.*, Dec. 1, VII, 232—233).

NATIONAL ARCHIVES OF INDIA

Wynne, A. B.—*contd.*

1975—8. 1869. Preliminary Notes on the Geology of Kutch, Western India. *Rec. G. S. I.*, II, 51—59.

—9. 1870. Note on the Petroleum Locality of Sudkal, near Futtijung, west of Rawal Pindi, Punjab. *Rec. G. S. I.*, III, 73—74 (Abst., *Geol. Mag.*, Dec. 1, VII, 540).

—10. 1870. On the Geology of Mount Tilla in the Punjab. *Rec. G. S. I.*, III, 81—86 (Abst., *Geol. Mag.*, Dec. 1, VIII, 127).

—11. 1872. Memoir on the Geology of Kutch, to accompany the map compiled by A. B. Wynne and F. Fedden, during the seasons of 1867-68 and 1868-69. *Mem. G. S. I.*, IX, 1—293.

—12. 1873. Notes from a Progress Report on the Geology of parts of the Upper Punjab. *Rec. G. S. I.*, VI, 59—64.

—13. 1873. Observations in some Features in the Physical Geology of the Outer Himalayan Region of the Upper Punjab, India. *Quart. Journ. Geol. Soc.*, XXX, 61—80 (Abst., *Geol. Mag.*, Dec. 2, I, 85—86; *Phil. Mag.*, Ser. 4, XLVIII, 310—311).

—14. 1874. Notes on the Geology of the neighbourhood of Mari Hill Station in the Punjab. *Rec. G. S. I.*, VII, 64—74.

—15. 1875. The Trans-Indus Salt Region in the Kohat District *Mem. G. S. I.*, XI, 105—295 (Abst., *Journ. Sci.*, Ser. 2, VII, 565—566).

—16. 1875. Geological Notes on the Khareean Hills in the Upper Punjab. *Rec. G. S. I.*, VIII, 46—49.

—17 1877. Note on the Tertiary Zone and underlying rocks in the North-west Punjab. *Rec. G. S. I.*, X, 107—132.

—18. 1878. On the Geology of the Salt Range in the Punjab. *Mem. G. S. I.*, XIV, i—xvi+1—313 (Abst., *Journ. Sci.*, Ser. 3, I, 711—712; *Neu. Jahrb. f. Min.*, 1879, 941—946, W. Waagen).

NATIONAL ARCHIVES OF INDIA

Wynne, A. B.—*contd.*

1975—19. 1878. On "Remarks, etc." by Mr. Theobald upon Erratics in the Punjab. *Rec. G. S. I.*, XI, 150—151.

—20. 1878. Notes on the Earthquake in the Punjab of March 2nd, 1878. *Journ. A. S. B.*, XLVII, Pt. 2, 131—140.

—21. 1878. Notes on the Physical Geology of the Upper Punjab. *Quart. Journ. Geol. Soc.*, XXXIV, 347—376 (Abst., *Phil. Mag.*, Ser. 5, V, 392—393; *Nature*, XVII, 395).

—22. 1878. What is an Erratic? *Geol. Mag.*, Dec. 2, V, 185—187, 334.

—23. 1879. A Geological reconnaissance from the Indus at Kushalgarh to the Kurram at Thul on the Afghan Frontier. *Rec. G. S. I.*, XII, 100—114 (Abst., *Neu. Jahrb. f. Min.*, 1881, I, *Ref.* 52—53, W. Waagen).

—24. 1879. Further Notes on the Geology of the Upper Punjab. *Rec. G. S. I.*, XII, 114—133 (Abst., *Neu. Jahrb. f. Min.*, 1881, I, *Ref.* 53—56, W. Waagen).

—25. 1879. On the continuation of the road section from Murree to Abbottabad. *Rec. G. S. I.*, XII, 208—210 (Abst., *Neu. Jahrb. f. Min.*, 1881, I, *Ref.* 57—58, W. Waagen).

—26. 1879. Recent Publications of the Geological Survey of India [corrects mis-statements of his views]. *Geol. Mag.*, Dec. 2, VI, 429—431; VII, 48.

—27. 1879. Bemerkungen,—als Berichtigung—zu einigen in Dr. Waagen's Aufsatz: "Über die geographische Vertheilung der fossilen Organismen in Indien." *Anz. k. Akad. Wiss.*, XVI, 44—46.

—28. 1880. On the Trans-Indus extension of the Punjab Salt Range. *Mem. G. S. I.*, XVII, 211—305.

—29. 1880. On the Distribution and Identification of the Palæozoic Rocks of the Northern Punjab. *Geol. Mag.*, Dec. 2, VII, 313—317.

NATIONAL ARCHIVES OF INDIA

Wynne, A. B.—*contd.*

1975—30. 1881. Travelled blocks of the Punjab. *Rec. G. S. I.*, XIV, 153—154.

—31. 1881. On the Connexion between Travelled Blocks in the Upper Punjab and a supposed Glacial Period in Upper India. *Geol. Mag.*, Dec. 2, VIII, 97—99.

—32. 1882. Further note on the connexion between the Hazara and the Kashmir Series. *Rec. G. S. I.*, XV, 164—169.

—33. 1886. On a certain Fossiliferous Pebble-Band in the "Olive Group" of the Eastern Salt Range, Punjab. *Quart. Journ. Geol. Soc.*, XLII, 341—350 (Abst., *Geol. Mag.*, Dec. 3, III, 280—281; *Phil. Mag.*, Ser. 5, XXI, 513; *Nature*, XXXIV, 69).

—34. 1886. Notes on some recent discoveries of interest in the Geology of the Punjab Salt Range. *Journ. R. Geol. Soc. Ireland*, VII, 89—97; *Proc. R. Dub. Soc.*, V, 85—93 (Abst., *Geol. Mag.*, Dec. 3, III, 131—134).

—35. 1886. Discoveries in the Punjab Salt Range. *Geol. Mag.*, Dec. 3, III, 236—237.

—36. 1886. On a Facetted and Striated Pebble from the Olive Group Conglomerate of Chel Hill in the Salt Range of the Punjab, India. *Geol. Mag.*, Dec. 3, III, 492—494 (Abst., *Rep. Brit. Assoc.*, LVI, 631—632).

—37. 1887. Phosphatic Nodules of the Salt Range, India. *Geol. Mag.*, Dec. 3, IV, 95.

—38. 1887. Recent Discoveries in the Salt Range of the Punjab. *Geol. Mag.*, Dec. 3, IV, 428.

—39. 1889. Notes on Dr. W. Waagen's "Carboniferous Glacial Period." *Rec. G. S. I.*, XXII, 72—73.

—40. 1891. Recent Geological Investigations in the Salt Range. *Geol. Mag.*, Dec. 3, VIII, 410—412.

——— *see* **Lydekker, R., 1109—1.**

NATIONAL ARCHIVES OF INDIA

Wynne, A. B.—*contd.*

——— *see* **Oldham, T., 1326—47.**

——— *see* **Theobald, W., 1763—25.**

——— *see* **Waagen, W., 1860.**

Wynne, A. B., *and* Warth, H.

1976 . 1874. Memorandum on the Trans-Indus Salt-Region: with an Appendix on the Economic Aspect of the Salt Quarries. Fol. 7 + xx pp., Calcutta.

Wynne, F. H.

1977 . 1904. Native Methods of Smelting and Manufacturing Iron in Jabalpur, Central Provinces, India. *Trans. Inst. Min. Eng.*, XXVI, 231—245.

Wynne, T. Trafford.

1978 . 1897. The Ruby Mines of Burma. *Trans. Inst. Min. Met.*, V, 161—175 (Abst., *Eng. Min. Journ.*, LXIII, 601—602).

Y

Yajnik, J. U.

1979 . 1869. Notes on the Hot Springs of Lasúndará, in the Kaira Zilla. *Trans. Bo. Geogr. Soc.*, XIX, 12—17.

Yate, A. C.

1980—1. 1888. The Shan States. *As. Quart. Rev.*, VI, 309—326.

—2. 1897. [Sand dunes in Afghanistan]. *Geogr. Journ.*, IX, 672—673.

—3. 1897. Loralai. *Scot. Geogr. Mag.*, XIII, 357—366.

—4. 1898. Chaman. *Scot. Geogr. Mag.*, XIV, 137—149.

—5. 1906. A Ride from Quetta to Loralai. *Scot. Geogr. Mag.*, XXII, 453—459.

NATIONAL ARCHIVES OF INDIA

Young, A.

1981 . 1854. [Note on a Crocodilian Fossil from Sehwan, Sindh]. *Journ. Bo. As. Soc.*, V, 673.

Young, C. B.

1982 . 1853. A few Remarks on the subject of the Laterite found near Rangoon. *Journ. A. S. B.*, XXII, 196—201.

Young, D. S.

1983 . 1829. An account of the General and Medical Topography of the Neelgerries. *Trans. Med. Phys. Soc. Calcutta*, IV, 36—78.

Young, E. C.

1984 . 1907. A Journey from Yun-nan to Assam. *Geogr. Journ.*, XXX, 152—178.

Young, G. F.

1985 . 1882. Notes on the Shaktú Valley, Waziristan. *Proc. R. Geogr. Soc.*, N. S., IV, 537—544.

Younghusband, *Sir* F. E.

1986—1. 1888. A Journey across Central Asia, from Manchuria and Peking to Kashmir, over the Mustagh Pass. *Proc. R. Geogr. Soc.*, N. S., X, 485—518.

—2. 1888. The Mustagh Pass. *Alp. Journ.*, XIV, 51—55.

—3. 1892. Journeys in the Pamirs and adjacent Countries. *Proc. R. Geogr. Soc.*, N. S., XIV, 205—234.

—4. 1892. The Pamirs and neighbouring Regions. *Journ. Soc. Arts*, XL, 292—300.

—5. 1895. Chitral, Hunza, and the Hindu Kush. *Geogr. Journ.*, V, 409—426.

—6. 1895. Chitral and the States of the Hindu Kush. *Journ. Soc. Arts*, XLIII, 487—497.

—7. 1905. The Geographical Results of the Tibet Mission. *Geogr. Journ.*, XXV, 481—498; *Scot. Geogr. Mag.*, XXI, 229—245 (Abst., *Nature*, LXXI, 377; *La Géographie*, XIII, 116—124, J. Deniker).

NATIONAL ARCHIVES OF INDIA

Younghusband, *Sir* F. E.—*contd.*

1986—8. 1909. Kashmir. 8°, 283 pp., London.

Yulē, *Sir* H.

1987—1. 1842. Notes on the Iron of the Kasia Hills. *Journ. A. S. B.*, XI, 853—857.

—2. 1844. Notes on the Kasia Hills, and People. *Journ. A. S. B.*, XIII, 612—631.

—3. 1857. On the Geography of Burma and its Tributary States, in illustration of a New Map of those Regions. *Journ. R. Geogr. Soc.*, XXVII, 54—108 (Abst., *Proc. R. Geogr. Soc.*, I, 269—273).

—4. 1858. A Narrative of the Mission sent by the Governor-General of India to the Court of Ava in 1855, with notices of the Country, Government, and People. 4°, 391 pp., London.

—5. 1858. On the Sources of the Irawadi. *Mission to Ava*, Appendix G, 356—360 (Abst., *Zeits. f. allg. Erdk.*, N. S., V., 359—365).

—6. 1864. Report on the Passes of the Aracan Mountains. *Prof. Papers Ind. Eng.*, Ser. 1, I, 1—28.

—7. 1871. [The Geography of India beyond the Ganges]. *Rep. Brit. Assoc.*, XLI, *Sections*, 162—174 (Abst.; *Nature*, IV, 297).

—8. 1872. An Essay on the Geography and History of the Regions on the Upper Waters of the Oxus. J. Wood's *Journey to the Source of the Oxus*, xix—xc (Abst., *Bull. Soc. Géogr.*, Ser. 6, V, 271—281).

Z

Zeiller, R.

1988—1. 1896. Remarques sur la Flore Fossile de l' Altaii. À propos des dernières découvertes paléobotaniques de M. M. les Drs. Bodenbender et Kurtz dans la République Argentine. *Bull. Soc. Géol. France*, Ser. 3, XXIV, 466—487

NATIONAL ARCHIVES OF INDIA

Zeiller, R.—*contd.*

1988—2. 1896. Sur l'attribution du genre *Vertebraria*. *C. R. Ac. Sci.*, CXXII, 744—746; *Trans.* by E. W. Vredenburg, *Rec. G. S. I.*, XXX, 43—44.

—3. 1900. Sur quelques plantes fossiles de la Chine méridionale. *C. R. Ac. Sci.*, CXXX, 186—188.

—4. 1902. Observations sur quelques Plantes Fossiles des Lower Gondwanas. *Pal. Indica*, N. S., II, Pt. I, 1—40 (Review, *Ann. Mag. Nat. Hist.*, Ser. 7, XI, 137—139; *C. R. Ac. Sci.*, CXXXV, 619).

—5. 1907. Note sur quelques Empreintes Végétales des Gîtes de Charbon du Yunnan Méridional. *Ann. des Mines*, Ser. 10, XI, 472—494.

Zigno, A. de, *see* **de Zigno, 481.**

Zugmayer, E.

1989—1. 1907. Eine Reise durch Ostturkestan und Westtibet. *Globus*, XCI, 133—138.

—2. 1909. Bericht über eine Reise in Westtibet. *Peterm. Mitth.*, LV, 145—151.

——— *see* **Leuchs, K., 1066.**

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